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GOOD SEEDS

AT FAIR

PRICES.

DEPARTMENT OF AGRICULTURE
DIVISION OF

FEB 8 1898

BOTANY

SEED LABORATORY.

N-K & Co's
EARLY
MINNESOTA

THE
EARLIEST
GOOD
TOMATO
IN THE WORLD.

1898.

LARGE PACKET 10 CTS. (SEE PAGE 23.)

N-K & Co's.
LINCOLN OATS (SEE PAGE 3)

817 bushels and 21 pounds from 7 bushels of seed. The largest yield of oats ever known.

Price: 1 bushel, 70 cents; 2 bushels, \$1.25; 10 bushels, \$5.50; 50 bushels, \$25; 100 bushels, \$45.

Bags included.

N-K & Co's.
SCHOOL GARDEN
FLOWER MIXTURE.

.. Cash Prize Contest ..

This mixture contains 70 BEAUTIFUL and EASILY GROWN VARIETIES. Sufficient for a bed 30 feet square. 10 cents a package, 4 packages 30 cents.

For description and particulars of CASH PRIZES, see page 52.

N-K & Co's.
STERLING
GRASS & CLOVER
SEEDS
RECLEANED
AND
TESTED.

TRADE MARK REGISTERED.

FOR PURITY AND STRONG GERMINATION OUR "STERLING" BRANDS OF GRASS AND CLOVER SEEDS ARE UNEQUALLED.

(SEE PAGE 40.)

NORTHROP KING & Co.,
SEED GROWERS
26-28-30 & 32 HENNEPIN AVE., MINNEAPOLIS, MINN.



OUR SEED WAREHOUSE.

"LOADING OUT FOR THE DEPOTS."

FROM A PHOTOGRAPH

To Seed Buyers:

There are three classes of Seed Catalogues.

One class caters to the patronage of those who are misled by overdrawn pictures and statements that are deliberately untrue.

Another class takes advantage of the fears of those who, through their natural desire to secure the best seeds, will pay fancy prices for what often proves to be very ordinary stock.

There is yet another class which seeks the trade of those who want the best seeds possible to procure and are willing to pay a reasonable price for them.

To this class our Catalogue belongs. Our seeds we believe to be as good as can be obtained anywhere.

Our descriptions are brief and accurate.

Our illustrations are true to nature.

Our prices are reasonable. We trust that our efforts to simplify the task of selection and dignify the sale of seeds will meet with the approval of intelligent purchasers.

Respectfully,

Northrup, King & Co.

Minneapolis, Minn., Jan. 1, 1898.

Modes of Ordering and Sending Money.

SEEDS BY MAIL. Please remember that our prices include PREPAYMENT OF POSTAGE by us on all Seeds ordered by the PACKET, OUNCE, POUND, PINT or QUART; also on PLANTS and BULBS. Deduct 8 cents per pound from postpaid prices on Seeds ordered sent by Express or Freight.

We guarantee safe delivery of Seeds sent by mail.

SEEDS BY EXPRESS OR FREIGHT. We deliver Seeds to any Express or Railroad Company in Minneapolis, the purchaser to pay transportation charges upon receipt of goods. Deduct 8 cents per pound from postpaid prices on Seeds ordered sent by Express or Freight. When possible, give full shipping instructions. In the absence of these particulars, we will use our best judgment.

No charge for Bags, Boxes or Cartage on Seeds bought at prices herein named.

PURCHASING BY EXPRESS. Express Offices have now purchasing departments in all their offices. If you wish to order goods from us to be sent by Express, ask for a purchasing order blank at any Express Office, and it will be supplied and forwarded by them without extra charge, other than the usual rates for returning goods.

NAME, ADDRESS, ETC. When ordering, give name and full address. Many orders reach us every season in which the Name or Post Office Address is lacking. It is of course impossible for us to fill these orders until they are identified.

HOW TO SEND MONEY. Money can be sent safely either by P. O. Order, Bank Draft, Express Order or Registered Letter. If your order amounts to \$1.00 or more, it is best to send by one of the above methods. Postage Stamps received the same as Cash.

"A Bucking Broncho."

In 1895 we sent out as a premium, a fine lithographic reproduction of one of C. H. Russell's pictures entitled "A Bucking Broncho." We have a few hundred of these left without wording of any kind, and as long as any remain, a copy will be sent FREE as a premium on orders for Seed in packets, to the amount of \$1.00, if requested, or will be sent postpaid to any address on receipt of 25 cents.

Northrup, King & Co.'s "Primers."

There is a great demand for practical instruction on Farming and Gardening subjects. Enough books are written, but they do not, as a rule, touch the spot.

They say too much; they tell too little. Farmers do not have time to wade through page after page of dry, impractical matter; to "search the haystack for the needle." They want information, and they want it in such shape that they can apply it to their own needs.

Earnestly desiring to be identified with that which is highest and best in progressive agriculture, we have adopted a plan of issuing a series of Primers on agricultural subjects, written for us by the best authorities on the matters of which they treat.

These Primers will appear from year to year in pamphlet form, printed on good paper, finely illustrated and of uniform size, so that if desired, they may be bound in book form.

Primer No. 1 is entitled "Shaw's System of Pasturing Sheep." It is written for us by Thomas Shaw, Professor of Animal Husbandry at the Minnesota Agricultural College. It will be of value to every grower of live stock and of especial importance to those interested in sheep. For further notice of Primer No. 1 see page 26.

These Primers will not be sold. They will be given to customers who purchase Seeds from this Catalogue to the value of fifty cents, and who ask for them when ordering.

SPECIAL NOTICE. Do not overlook our folder, "The Farmer's Garden." (See page 16.) It is sent free to our customers who request it when ordering.

Vegetable Seeds.

EVERY VARIETY WE LIST IS GOOD.



MR. B. L. GRANT
Hudson, Wisconsin.

"In reply to your inquiry: I had this year about 200 acres into vegetable garden. Most of the seeds I bought were from you and they proved, as usual, entirely satisfactory.

I am very pleased with your stock of Holland Cabbage. The seed for eight acres was from you; that for four acres was from another firm. Yours was splendid. The Cabbage on the other four acres was not good and they rotted very badly. I regard the Holland as the coming Cabbage. Shall plant twenty acres of it next year, and shall want your seed exclusively.

In the past twelve years I find I have bought from your house over 3,000 lbs. of Onion Seed, large quantities of Cabbage and other seeds, and they have always proven uniformly good, both as respects purity of stock and strong germination."

B. L. GRANT.

To Our Customers.

IN making up our List, it has been our aim to include only those Seeds which possess REAL MERIT, and to describe and illustrate them TRUTHFULLY.

Attention, too, is called to the fact that on leading varieties, we mention the NUMBER OF SEEDS TO BE FOUND IN OUR PACKETS.

As space permitted, we have printed a few of the many letters we are almost daily receiving from our customers, expressing the satisfaction our Seeds have given them.

It affords us great pleasure to receive such generous words of appreciation, but we also want our customers to feel that we are at all times ready to entertain any just cause for complaint.

We will consider it a favor, if each one who buys seeds from this Catalogue, whether their order be large or small, will inform us as to how they were pleased with them.

Respectfully,

NORTHROP, KING & CO.



MR. ALEXANDER HANNAH.
Hayes, Texas, Aug. 16th, 1897.

"The seeds I have purchased from you have always given full satisfaction. Your seeds are modestly praised through modest claims, but they stand the test of time. Good seeds are like a true gentleman, they do not require slang praise and false flattery to give them reputation. Proof has been ample of your sincerity in the true worth of your seeds."

ALEXANDER HANNAH.

Southampton, N. Y., Aug. 16, 1897.

"It would be neither grateful nor just to fail to add that the Northrup seed concern has served me not only as long as Jacob served for Leah, but as faithfully. This unsolicited acknowledgment simply expresses my obligation for their invariably prompt and honest dealings with a customer who buys only in small quantities."

W. F. HOWELLS.

	Pkt.	Oz.	1/4lb.	Lb.
ARTICHOKE SEED. (For Roots see page 25.) Large Green Globe. Grown for the unripe flower heads, which are highly esteemed by epicures.....	8c	30c	80c	\$3.00
ASPARAGUS SEED. (For Asparagus Roots see page 25.) Columbian Mammoth White. Gives immense yield of clear white shoots. A most distinct and valuable variety. The shoots remain white, without earthing or artificial blanching, as long as fit for use, and it can be depended upon to give 80 to 90 per cent. of white plants from seed.	5	10	30	1.00
Palmetto. Mammoth in size, even and regular in growth and appearance. Usually ready for market before other varieties.....	5	10	15	.50
Conover's Colossal. A standard sort, color deep green, quality first-class, spreads less than other sorts. Yields from 15 to 30 sprouts from a single plant.....	5	10	15	.40
Barr's Mammoth. Produces very large stalks. Quality excellent.....	5	10	15	.50
BROCCOLI. White Cape. We consider this the best variety. Color creamy white. Can be grown where Cauliflower makes an uncertain crop.....	5	40	1.00	
Purple Cape. Best variety for the north, being earlier than the white.....	5	30	80	
BRUSSELS SPROUTS. Improved Dwarf. Produces on the stem small heads resembling miniature Cabbages. The sprouts are used as greens, and become very tender when touched by frost. Sow in May, and manage as winter Cabbage.....	5	15	50	



S. B. GREEN,
Professor of Horticulture,
University of Minnesota.

"VEGETABLE GARDENING." By SAMUEL B. GREEN, Professor of Horticulture in the University of Minnesota. A Manual on the Growing of Vegetables for Home Use and the Market, with 113 Illustrations. Price, Cloth Bound, Postage Prepaid, \$1.25.

This is not only the Latest but the Very Best Book on Vegetable Gardening. It seems to contain everything relating to the Farm or Market Garden.

The information is presented so clearly and systematically that no time need be lost in finding just what is wanted.

It is full of labor saving suggestions, and is Up to Date in every particular. Mailed to any address on receipt of \$1.25.



Wardwell's Kidney Wax. Early Productive. Not Liable to Rust.

BEANS, DWARF, STRINGLESS, WAX PODDED.

Our pack-ts of Beans contain on an average about 100 Seeds.

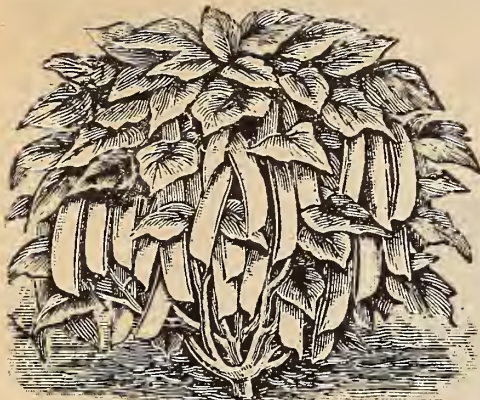
	Large Pkt.	Qt.	Bu.
Black Wax, Improved Prolific. Very early, Pods round, full, stringless, fine quality.....	5c	35c	\$3.00
Black Wax. Challenge. Extra strain of Dwarf Black Wax.....	5	35	3.00
Black Wax, Curries Rust Proof. Flat pods Very early and productive.....	5	35	3.00
Black Eye Wax. Very early and productive.....	5	35	3.00
Burpee's New Stringless, Green Pod. (New). The only Stringless Green Pod in cultivation. Earlier than the Red Valentine or Yellow Six Weeks.....	5	40	5.00
Crystal Wax. Early, round, translucent pod.....	5	40	4.00
Davis White Wax. (New). An entirely distinct sort. Seed is entirely white, without eye. Pods flat, long, white, straight and handsome. Very hardy and productive. Valuable for market gardeners and Cannery use. Valuable either in a green or a dry state.....	5	40	3.50
Detroit Wax. An improved Golden Wax, and less liable to rust....	5	35	3.00
Flageolet Red Wax. Pods flat, yellow, stringless, long and broad...	5	40	4.00
Golden Eye Wax. Very early. Free from rust. Pods yellow, flat...	5	35	3.00
Golden Wax. (Improved). Early flat, yellow pod. Popular sort....	5	35	3.00
Keeney's Rustless Golden Wax. Pods yellow, meaty, and entirely stringless even when large enough to shell.....	5	35	3.50
Perfection Wax. Yellow, flat, stringless pods, early, and more productive than Golden Wax.....	5	35	3.00
Pink Eye Wax. Early. Resembles Detroit Wax.....	5	35	3.00
Refugee Wax. Very productive; early. For early or late sowing...	5	35	3.50
Saddle Back Wax. Pods very large, round, and very solid.....	5	40	4.50
Valentine Wax. Remarkably early. Pods are thick and fleshy with but little string.....	5	40	3.50
Wardwell's Kidney Wax. Pure wax pods, long, flat, and not likely to rust.....	5	35	2.75
Yosemite Mammoth Wax. A Giant among beans. The pods frequently reach a length of 10 inches. They are of a rich golden color, tender and delicious when cooked.....	5	40	6.00

BEANS, DWARF OR SNAP, GREEN POD.

Best of All. Early and of superior quality. Pods which are splashed with red are round and fleshy.....	5	35	2.50
Boston Favorite. (Goddard). Pods, green, splashed with red.....	5	35	2.50
Canadian Wonder. Pods very long and abundant.....	5	35	3.00
China Red Eye. Early. Continues long in bearing.....	5	35	2.75
Early Mohawk. Can be planted earlier than most beans on account of its hardiness.....	5	35	2.50
Extra Early Valentine. (Round pod). Our stock of this important variety is of the best. Under favorable conditions pods are usually ready to pick in about 33 days from germination. Largely grown by Southern truckers.....	5	35	2.50
Early Long Yellow Six Weeks. Full flat green pods.....	5	35	2.50
Horticultural. Pods full, green, splashed with red.....	5	35	2.50
Refugee. Extra Early. Two weeks earlier than the late.....	5	35	2.50
Refugee. Late or 1000-to-1. The best pickling sort.....	5	35	2.50

PRICES:—Please note that our quart prices on Beans include **PREPAYMENT** of **POSTAGE** by us. If wanted by Express or Freight with other Seeds, deduct 15 cents per quart. Pints supplied at Quart Prices. Pecks and Half Bushels at Bushel Prices. One quart will plant a row 100 feet long.

Remember that our quart price on Beans include PREPAYMENT of POSTAGE BY US. If wanted by express or freight with other seeds deduct 15 CENTS A QUART or 7 cents a pint. Pints supplied at quart price. Pecks and half bushels at bushel prices.



Dwarf Lima Bean.

Kentucky Wonder. (Old Homestead.) Best variety for use in a green state.

Enormously productive

Lazy Wife. So named on account of the large number of pods it affords, making it easy to get a supply.

White Greaseback. (Early). Pods light green in color, stringless and of fine quality.

DWARF OR BUSH LIMA.

These easily rank as the most valuable vegetable introduction of recent years. Those who have not grown the Dwarf Lima Beans, should try them. No garden is complete, no table is properly supplied without them.

	Pkt.	Qt.	Bu.
Burpee's. Most popular sort. Seed large.....	10c	50c	\$5.00
Dreer's. Fine flavor, thick, sweet and succulent.....	10	50	5.50
Thorburn or Kumerle. Fine flavor.....	10	50	5.50
Henderson's or Sieva. Not equal in quality to preceding.....	5	40	4.00

BEANS, POLE OR RUNNING.

Large White Lima, largely grown, highly esteemed	5	40	4.00
King of the Garden Lima. Best large; productive.	5	40	4.25
Dreer's Lima. Thick and fine quality. Large.....	10	50	5.50
	5	40	4.50
	5	40	6.00
	5	40	5.00



Kentucky Wonder.

Golden Cluster Wax. Pods large, beautiful bright golden color. Very productive. Quality fine..... 5 40 5.00
Scarlet Runner. Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet and the Beans are of excellent quality, either when shelled or in a dry state..... 10 40 5.50

FIELD BEANS.

Early Aristook. The Earliest White Bean. Usually mature in 60 days. Productive. Fine Quality. Large Pkt., 10c; Qt., 40c, postpaid. By express or freight, Qt., 20c; Bu., \$3.00.

	Pkt.	Qt.	Bu.		Pkt.	Qt.	Bu.
Choice Navy.....	05c	30c	\$1.40	Red Kidney.....	05c	40c	\$1.65
" Medium.....	05	30	1.30	Brown or Swedish.....	05	40	1.75
" Marrow.....	05	40	1.50	English or Broad Windsor.....	05	50	5.00

N. K. & Co. California Wonder Bean.

Most productive. Commands highest price in all markets.



900
FROM
1



Your CALIFORNIA WONDER BEAN is the GREATEST YIELDER I have ever seen. I see that one of your customers grew 864 BEANS FROM ONE VINE. I HAVE JUST SHELLED THE BEANS FROM ONE STALK AND HAD 900 GOOD BEANS.

L. R. CROCKER, Minn.

The California Wonder or Improved Tree is easily the heaviest yielding Bean known. It is a field variety. The Seed resembles the well known "Navy" and on account of its whiteness and small size commands the highest price in all markets. It has the additional merit of being pure stock. It is to us a source of constant wonder that Bean growers, otherwise intelligent should plant mixed seed, as mixed stock always sells at from 25 to 50 per cent less than straight stock. A few cents extra expended on the seed means many dollars in the crop. 12 quarts of the California Wonder Bean will plant an acre. Price, large Pkt., 10c; Qt., 40c; postpaid. By express or freight, Qt. 20c; Peck, 60c; Bu., \$2.00; 10 bu. @ \$1.75.

BEET. N. K. & CO'S SELECTED STOCK.

Our PACKETS of Beet contain on the average about 500 SEEDS. One ounce sows 50 ft. of drill. 5 to 6 lbs. for an acre.

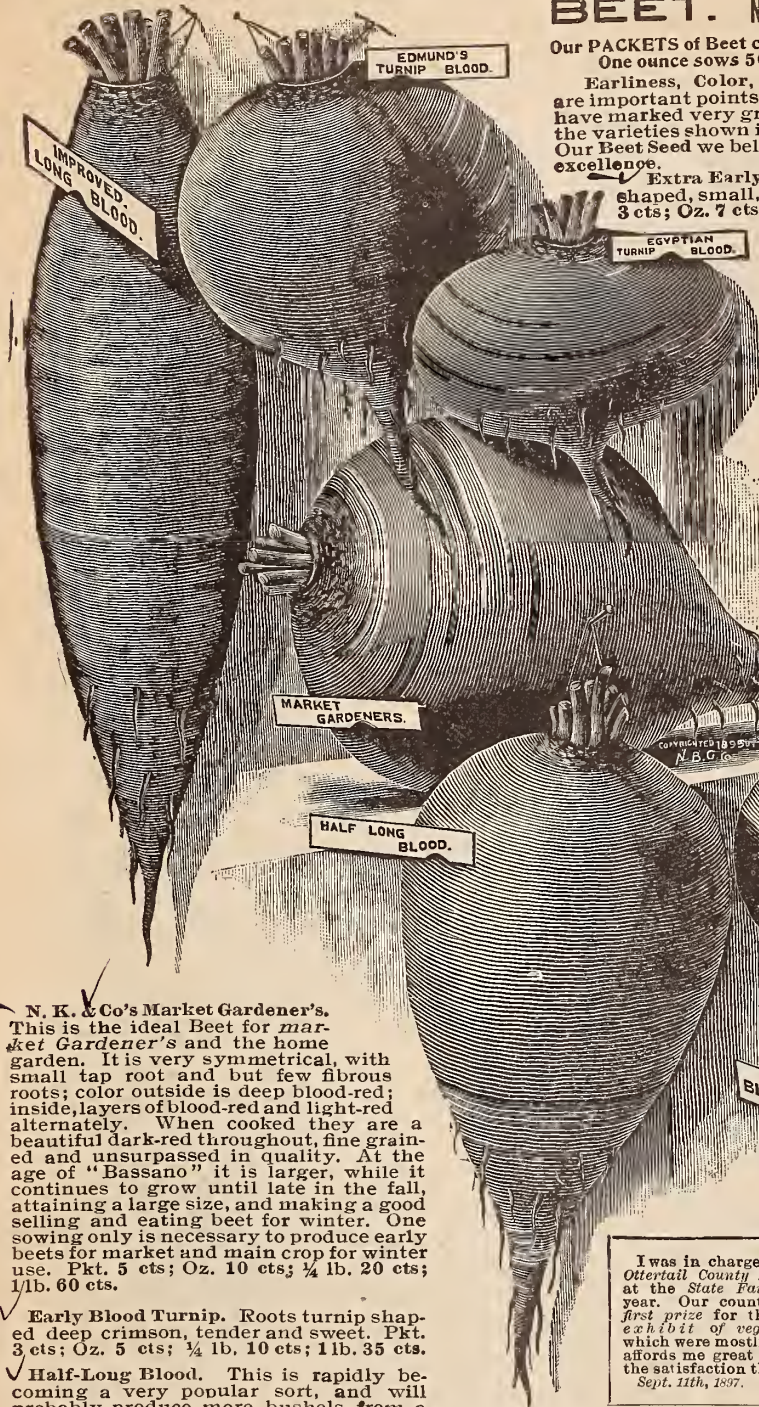
Earliness, Color, Form, Productiveness and Quality are important points in vegetables—and the last few years have marked very great improvements in Beets. Each of the varieties shown in our list has its well defined place. Our Beet Seed we believe to be unsurpassed for purity and excellence.

✓ **Extra Early Egyptian.** The earliest sort. Turnip shaped, small, symmetrical, deep blood color. Pkt. 3 cts; Oz. 7 cts; ¼ lb. 15 cts; 1 lb. 40 cts.

✓ **Crosby's Egyptian.** An Improved strain of Egyptian, quite as early, but larger and smoother. Pkt. 4 cts; Oz. 10 cts; ¼ lb. 20 cts; 1 lb. 60 cts.

✓ **Eclipse.** Makes rapid growth. Tops small, quality fine, larger than Egyptian but not as deep a red in color. Pkt. 3 cts; Oz. 7 cts; ¼ lb. 15 cts; 1 lb. 40 cts.

✓ **Edmund's Improved Blood Turnip.** A handsome, clean, turnip-shaped blood beet. Skin and flesh are of a deep, blood-red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of good marketable size. The tops are small, allowing them to be grown closely together. They mature early, and give every satisfaction as a bunching sort. Pkt. 4c; Oz. 10c; ¼ lb. 15c; 1 lb. 40c.



✓ **N. K. & Co's Market Gardener's.** This is the ideal Beet for market Gardener's and the home garden. It is very symmetrical, with small tap root and but few fibrous roots; color outside is deep blood-red; inside, layers of blood-red and light-red alternately. When cooked they are a beautiful dark-red throughout, fine grained and unsurpassed in quality. At the age of "Bassano" it is larger, while it continues to grow until late in the fall, attaining a large size, and making a good selling and eating beet for winter. One sowing only is necessary to produce early beets for market and main crop for winter use. Pkt. 5 cts; Oz. 10 cts; ¼ lb. 20 cts; 1 lb. 60 cts.

✓ **Early Blood Turnip.** Roots turnip shaped deep crimson, tender and sweet. Pkt. 3 cts; Oz. 5 cts; ¼ lb. 10 cts; 1 lb. 35 cts.

✓ **Half-Long Blood.** This is rapidly becoming a very popular sort, and will probably produce more bushels from a given area than any other sort, as it does not occupy as much space in the row as the turnip shaped varieties. Pkt. 4 cts; Oz. 8 cts; ¼ lb. 15 cts; 1 lb. 50 cts, postpaid.

✓ **Improved Long Blood.** One of the best and most popular table beets, especially for autumn and winter use (our seed has been grown from selected roots and we can recommend it as superior stock). Pkt. 3 cts; Oz. 7 cts; ¼ lb. 12 cts; 1 lb. 35 cts, postpaid.

✓ **Swiss Chard or Silver Beet.** Much superior to the common beet for greens, and if sown at the same time will be fit for use before them. Pkt. 3 cts; Oz. 7 cts; ¼ lb. 15 cts; 1 lb. 40 cts, postpaid.

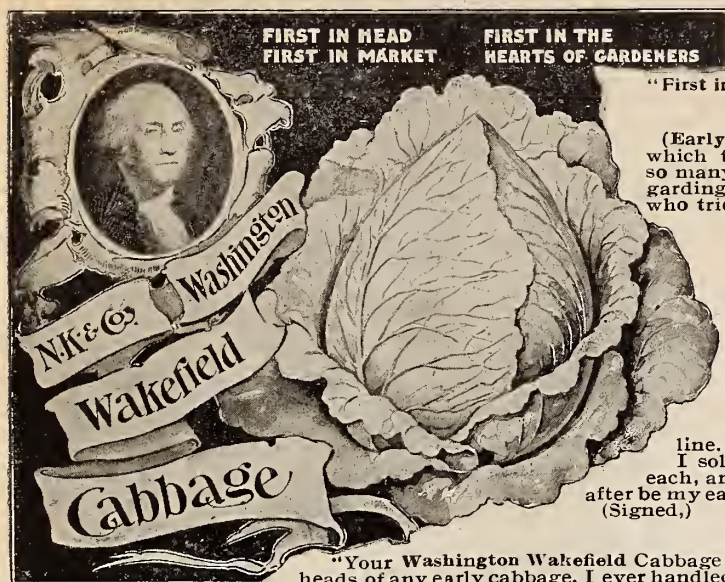
I was in charge of the Ottertail County Exhibit at the State Fair this year. Our county took first prize for the best exhibit of vegetables, which were mostly grown from seeds obtained from your house. It affords me great pleasure to speak for their high quality and the satisfaction they have always given in our county.
Sept. 11th, 1897.

W. L. CHAPPELL, Fergus Falls, Minn.

For Mangel Wurzel, (Stock Feeding Beet), See Page 29.

For Sugar Beet, (Finest Strains), See Page 27.

WASHINGTON WAKEFIELD CABBAGE.



"First in Head! First in Market! First in the Hearts of Gardeners."

(Early.) We introduced this Cabbage in 1893, at which time our stock was limited. We received so many letters of praise and congratulation regarding it, that it seemed as though every one who tried it must have written to make known their satisfaction.

All Gardeners are so familiar with the Wakefield Cabbages that description is unnecessary. The engraving shows the character of the Washington Wakefield, and it is perhaps sufficient to say we believe it leads all other strains of this popular variety in Earliness, Size of Head, and Purity of Stock. Large pkt., 10c; Oz., 30c.; $\frac{1}{4}$ lb., 75c; Lb., \$2.50.

"Your Washington Wakefield beats anything I ever saw in the Cabbage line. Sixty-five days after planting the seed, I sold some. The heads averaged $\frac{4}{5}$ lbs. each, and this with very little care. It will hereafter be my early and principal cabbage." (Signed,)

ANGUS McDONALL,
Wausaukee, Wis.

"Your Washington Wakefield Cabbage is the surest header, and has the largest heads of any early cabbage, I ever handled."

Your Model-Cauliflower surpasses everything I have ever had." (Signed,)

HENRY JOHNSTON, Monarch, Mont.

"I want to let you know that the Washington Wakefield Cabbage surpassed any other variety of Early Cabbage we had here. We took the first to market July 15th. Receive my most sincere respects in promising you my full order for seeds next year."

JOHN ABEL, Schofield, Wis.

	Large Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Jersey Wakefield. Heads are very hard, compact, solid, and of conical shape. Few outside leaves. We do not admit that our stock has any superior except the Washington Wakefield.....	5c	15c	50c	\$1.50
Charleston Wakefield. A large and superior strain of the Jersey Wakefield.....	5	15	50	1.75
Early Winnigstadt. Very early. Will grow a hard head under circumstances where most sorts would fail. Heads regular, conical, very hard, and keep well both summer and winter.....	5	15	35	1.00
Allhead Early Cabbage. The characteristics of this splendid new Cabbage can be summarized in a few words: Earliness, large size, uniformity, great productiveness, excellent quality, and its usefulness as an all-the-year-round Cabbage.....	5	15	40	1.45
N. K. & Co's Harvest Home Cabbage. Late. We have yet to see the Cabbage of Equal Quality that will yield as large a weight from a given area as the Harvest Home. We have yet to see the Cabbage that will equal it in Reliability of Heading, Uniformity of Size and Solidity of Head. We unhesitatingly recommend it to any one desiring the best Cabbage for Fall and Winter keeping, or Kraut making.....	10	25	75	2.50
Express. The earliest of all. Small solid heads, fine quality.....	5	15	35	1.25
Surehead. (Main Crop.) Large, round, flattened heads, remarkable for its certainty to head; one of the best varieties for main crop.....	5	15	40	1.25
Early York. Largely grown for early use.....	5	15	40	1.25
Succession. About a week later than the Early Summer, but double the size, fit for exhibition; sure header.....	5	15	40	1.25
All Seasons. A fine second early; attains a large size.....	5	15	40	1.25

	Large Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Large Late Drumhead. Main crop; winter.....	5c	15c	40c	\$1.40
Drumhead Savoy. Fine quality.....	5	15	40	1.40
Rock Red. Best Red sort. Much used for pickling.....	5	15	40	1.40
Henderson's Early Summer. Deservedly popular with market gardeners throughout the country. It forms large, solid, round, flattened compact heads of excellent quality. The heads average over double the size of the Jersey Wakefield, while it matures only ten or twelve days later.....	5	15	35	1.25



Our Packets of Cabbage contain on an average about 1000 Seeds. One ounce for a bed of forty feet will produce about 2000 plants.



The above illustration is from a photograph of the interior of one of the 17 large greenhouses owned by Mr. Fred Busch of Minneapolis.

Mr. Busch has 75,000 feet of glass and is one of the largest growers of vegetables under glass in the United States.

His specialties are Cucumbers, Tomatoes, Radishes and Lettuce. These he sells not only throughout the Northwest, but ships largely to Chicago, St. Louis and other leading markets. The following statement from a man like Mr. Busch means a great deal:

Northrup, King & Co., Minneapolis, Minn.

Gentlemen:—You ask me if I have any objection to your referring gardeners to me, as to the reliability of the seeds I have had from you. In reply would say that I not only have no objection, but on the contrary, it will afford me very great pleasure if I can be of service to you in this way.

I have purchased the greater part of my seeds from your house for the last fourteen years, and speak from long experience, when I say, they have given perfect satisfaction. Can one say more?

Minneapolis, Oct. 16, 1897.

Yours very truly,

(Signed) FRED BUSCH.

The Lupton. Considered by Mr. Lupton, the well known cabbage specialist, to embody all the points to be desired in a late cabbage. It is a selection from Excelsior Flat Dutch, and a little earlier. Color dark bluish green. Stem short and strong, heads large, but not coarse. An excellent keeper. Pkt. 5c; Oz. 20c; ¼ lb. 50c; Lb. \$1.75.

Bridgeport Drumhead. Late head large, very solid, good shipper. Pkt. 5c; Oz. 20c; ¼ lb. 50c; Lb. \$1.50.

Louisville Drumhead. Popular in the south, Pkt. 5c; Oz. 20c; ¼ lb. 50c; Lb. \$1.50.

Northrup, King & Co's Selected Late Flat Dutch. A low growing variety, heads large, bluish green, round, solid, broad and flat on the top; an excellent fall and winter variety, and a good keeper. It is a sure header. Our stock has been grown from carefully selected heads, and we think is superior to any other strain in the market. Large Pkt. 5c; Oz. 15c; ¼ lb. 35c; lb. \$1.25.

HOLLAND CABBAGE.

(The Genuine Stock.)

In some important particulars, this is the most remarkable Cabbage yet produced. In fact, it well illustrates the truth, that "merit will win," in that while it was introduced only about three years ago, it has already become the favorite sort with those who have had the true stock. The heads, which are very solid and deep, are of medium size averaging about 8 lbs. in weight; in color they are entirely distinct; in point of quality they have no superior, and they keep better than any other sort, the heads being as solid and perfect when taken up in the spring as when put away in the fall. At that time no cabbage will sell beside them even at one-half the price. Large pkt. 5c; oz. 30c; ¼ lb. 85c; lb. \$3.00.



Reliable American Grown Cabbage Seed.—It is what every one wants and what every one GETS who buys seed from us, Market Gardeners and other large planters in the habit of paying Fancy Prices will save Money in the seed and Make it in the crop by using our Stocks.

Holland Cabbage.

CELERY, ETC.

Our Packets of Celery contain on the average about 6,000 Seeds.—One Ounce of Seed will produce about 3,000 Plants.

Kalamazoo. Named and introduced by us 1888, and we have never seen a better Celery since that time, when we sent it out as the best celery grown. Not a self-blanching variety, but well repays the slight extra labor in treating it. Perfectly solid, beautiful cream color. Large pkt. Oz. ¼lb. Lb.



Northrup, King & Co.'s MODEL Cauliflower.

	Large pkt.	Oz.	¼lb.	Lb.
CORN SALAD or Feticus. Large Round Leaved.....	5c	10c	20c	.40
CRESS. Curled or Pepper.....	5	10	15	.40
True Water Cress	5	30	80	3.00

CAULIFLOWER.

One Ounce of Seed will produce 1,000 Plants.

Northrup, King & Co.'s Model. Several years ago we received from Denmark a sample of cauliflower; the letter accompanying it claimed it to be a superior strain. We planted this in our trial grounds, and after comparing it carefully with all other early varieties, we concluded that it was fairly entitled to be called the best cauliflower on the grounds. The very earliest sort, while in solidity of head and purity of color we have never seen its equal. It is the best for early planting; best also for late planting on account of its close growing habit, which allows many more plants to be grown on a given area than of the late spreading sorts. Pkt., 20c; ½ oz., \$1.25; oz., \$2.00; ¼ lb., \$7.00; lb., \$25.00. Try the Model Cauliflower.

"Your Model Cauliflower is the best in the world, and I had seed from several firms. I had Cabbage and Cauliflower in market before any one else, and that is saying a good deal."—WILLARD GOOD, Sundance, Wyo.

Henderson's Snowball. Excellent for both early and late planting. Grown from stock seed obtained from original growers. Pkt., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75; ¼ lb., \$6.00; lb., \$20.00.

Extra Early Dwarf Erfurt. Short stem, very fine stock. Pkt., 15c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$5.00; lb., \$15.00.

Early Erfurt. Pkt., 10c; oz., \$1.00; lb., \$7.00.

Walcheren. Very late and hardy. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Autumn Giant. Large, late. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Report of Cauliflower Test from Michigan Agricultural College:—"MODEL CAULIFLOWER the best of 12 varieties grown. Heads were large, compact and glistening white. Ripens before Early Dwarf Erfurt."

Crisp and nutty in flavor.	10c	30c	75c	\$2.75
Golden Self-Blanching. Solid, resembling White Plume, except it is a rich golden yellow. Without banking or any covering assumes a beautiful golden color.....	10	25	75	2.50
Perfection Heartwell. Finest and largest of the winter varieties.....	5	15	40	1.25
Henderson's White Plume. Handsome, crisp, self-blanching sort, of very easy cultivation. The earliest known.....	5	15	50	1.50
Dwarf Golden Heart. Well known popular variety, excellent keeper.....	5	15	40	1.25
Giant Pascal. A large growing sort, of superior flavor. Excellent for late use. Easily blanched.....	5	15	40	1.25
Pink Plume. One of the best of the red celeries. Offine table quality and an excellent keeper.....	5	15	60	2.00
CELERAIC. (Turnip Rooted Celery). Large Erfurt. Roots large, smooth, excellent flavor..	5	10	35	1.25
CHERVIL. Curled. For flavoring and garnishing. Tuberos. Roots edible....	5	10	20	.60
CHICORY. Large Rooted. The roots are much used for coffee.....	5	15		.40
COLLARDS. True Georgia.....	5	15		.40

GOLDEN SELF-BLANCHING CELERY.

N.K & CO'S. SPECIAL STOCK.



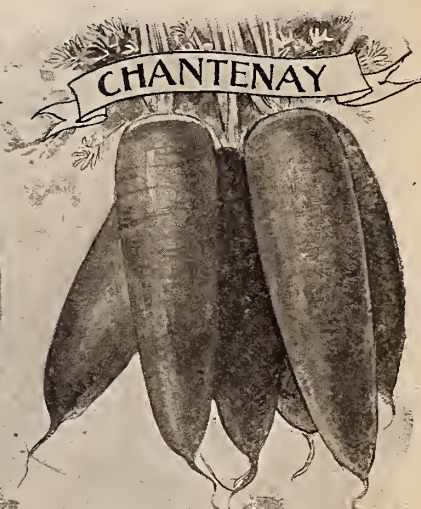
CARROTS 'NORTHROP, KING & CO'S. EXHIBITION STOCKS, IDEAL IN SHAPE & COLOR



OX HEART



EARLY SCARLET HORN



CHANTENAY

OUR PACKETS of CARROT contain on the average about 6,000 SEEDS.

One ounce will sow one hundred feet of drill. 3 to 4 lbs. for one acre.

Early French Forcing. The earliest variety, largely grown for forcing purposes; globular shaped root of an orange red color. Pkt., 5c; Oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

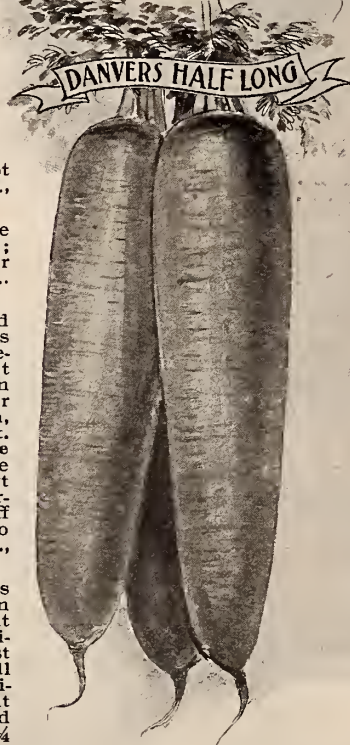
Early Scarlet, or Short Horn. One of the most popular varieties grown; color deep orange; one of the best for table use. Pkt., 3c; Oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Oxheart, or Guerande. This fine and very popular Carrot is intermediate as to length between the half long varieties (such as Danvers) and the Scarlet Horn Carrots, but much thicker than the latter, being at the top from four to five inches in diameter. Flesh, bright orange, fine grained and sweet. It is of very fine quality for table use and equally good for stock. Where other sorts require digging, Oxheart can be easily pulled making it a particularly desirable sort for soils so stiff and hard that other sorts do not do well. Pkt., 3c; Oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Chantenay. As a table variety it is first-class; in shape it is larger than the Scarlet Horn, and also broader at the shoulder. The flesh is of a beautiful rich, orange color, and of the finest quality, it is medium early, with small tops. Roots taper slightly but are uniformly stump rooted. Gives great satisfaction in both the market and private garden. Pkt., 3c; Oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Improved Danver's Half Long. A first-class carrot for all soils; in form midway between the long Orange and Short Horn. The root is of a rich, dark orange color and grows very smooth and handsome; twenty to thirty tons per acre being no unusual crop. Pkt., 3c; Oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Improved Long Orange. A well known standard sort, roots long, thickest near the crown, tapering regularly to a point; color deep orange; suitable for the table and main field crop. Pkt., 3c; Oz., 10c; ¼ lb., 15c; lb., 50c, postpaid.



DANVERS HALF LONG



LONG ORANGE

For Stock Feeding Carrots, See Page 30.

Our MASTODON (white) and VICTORIA (yellow) lead all other varieties. They are of IDEAL SHAPE. EASILY LIFTED FROM THE GROUND, FINE IN QUALITY and ENORMOUSLY PRODUCTIVE.



Everyone Welcomes the first Sweet Corn of the season, and there is a natural strife among gardeners to realize the excellent price that the earliest corn of good quality invariably brings.

Market Gardeners and Private Planters will do well to consider, that our Northern Grown Seed will give them earlier corn than will seed of the same varieties grown farther south. Our Seed Corn is thoroughly tested, before it leaves our hands.

NOTE:—We are frequently asked what varieties should be planted in order to secure a succession of sweet corn throughout the season. To all who are in doubt, and those already satisfied, let us say: Plant White Cob Cory, for earliest; Portland, for medium, and N. K. & Co's Zig Zag, for late, and secure the very best sweet corn in each class.

SWEET CORN.

One quart will plant 200 Hills; 8 to 10 quarts for an acre in Hills. OUR PACKETS contain on the average about 150 Seeds. Please bear in mind that our quart prices INCLUDE POSTAGE. Pints supplied at quart, Pecks at bushel prices. Deduct 5 cts. a pint, 10 cts. a quart if sent by express or Freight.

EXTRA EARLY.

	Large Pkt.	Qt.	Bu.
Early White Cory. Earliest corn grown, excellent quality.....	5c	25c	\$1.75
Early Cory. Resembles the White Cory but with red cobs.....	5	25	1.75
Early Minnesota. A standard early sort of excellent quality.....	5	25	1.75
Burpee's First of All. Ears of good size, sweet and tender.....	5	25	1.75
N. K. & Co.. XXXX. A variety greatly in favor with our local market gardeners, who prefer it to any other sort. Earlier than Early Minnesota. Ears twelve rowed and large.....	5	35	2.50

SECOND EARLY.

Portland Sweet Corn. This variety is not quite as early as the Cory but nearly so, and it will pay you to wait a few days for it. In sweetness and delicacy of flavor it excels any early Sweet Corn grown. Private families pronounce it the best. Market gardeners capture the trade with it

Crosby. Most excellent quality.....	5	35	2.50
None Such. Large ears of excellent quality.....	5	25	1.75
Perry's Hybrid. Largest eared of any of the early varieties....	5	25	2.00

LATE.

Zig Zag Evergreen. N. K. & Co's Zig Zag Evergreen. We wish to call special attention to this corn, introduced by us in 1894. It has, at experiment stations, in the principal markets of the country, and in thousands of private gardens, sustained our claim as being the sweetest of all sweet corn. It ripens with Stowell's Evergreen remains fit for use longer than the Stowell's or any other variety, and furnishes corn of the finest quality up to time of frost.....

Stowell's Evergreen. One of the most popular varieties.....	10	35	2.50
Black Mexican. Grains black, very sweet.....	5	25	2.00
Egyptian. Very sweet, and tender.....	5	25	2.00
Mammoth. Ears large, rich and sweet.....	5	25	2.00
Country Gentleman. Ears large, rows irregular, quality delicious	5	25	2.00
Sweet Fodder Corn. (See Field Seeds, page 36).....	20		1.25

For Field Corn see pages 34, 35 and 36.

EXPERT OPINIONS.

Mr. Carman, editor of the Rural New Yorker pronounces N. K. & Co's "Zig Zag" "the finest quality and the heaviest yielding" sweet corn he ever tried. "Always two and often three ears on a stalk." The Michigan Experiment Station says of our "Zig Zag," "Ears good size and well filled out. It reaches maturity with the Stowell's Evergreen and continues to furnish edible corn longer than any other variety that we ever tested. Its season this year extended over a period of three weeks, when it was cut with frost. At that time it looked as green and vigorous as ever."

The New York Experiment Station said:—"The Zig Zag Evergreen Sweet Corn sent to this station for trial has proved itself one of the best late corns we have ever tested. This makes it especially valuable, as early varieties are offered in abundance."

CUCUMBERS.

Our Packets of Cucumbers contain, on the average, about 300 Seeds.

	Large Pkt.	Oz.	¼ lb.	Lb.
Northrup, King & Co.'s Siberian, The earliest.....	5c	10c	20c	60c
Northrup, King & Co.'s Pickling. It would be difficult to "make to order" a better pickling cucumber than this. It is very productive. Flesh, crisp and tender, and covered with spines. Color deep green.....	5	10	20	60
Early Russian Very early.....	3	8	15	50
Early Short Green, Productive, good for pickling.....	3	8	15	50
Early Green Cluster, Fruit small, grows in clusters, prolific.....	3	8	15	50
White Spined Early Arlington. Earliest of the White Spined varieties.	3	8	15	50
White Spined, Improved. Not quite as early as the Arlington, but larger. Excellent for table use.....	3	8	15	50
White Spined Peerless. Larger than the Improved, but not quite as early	3	8	15	50
White Spined Evergreen. Color deep blue-green, one of the best for shipping.....	3	8	15	50
White Spined Pickling. A splendid pickling variety, fruit small, covered with spines.....	3	8	15	50
Long Green. A popular variety for pickling and slicing.....	3	8	15	50
Nichols Medium Green. A fine table sort.....	3	8	15	50
Crosse & Blackwell Pickling. Makes splendid pickles.....	10	15	30	1.00
White Pearl. Beautiful white skin, excellent quality.....	5	10	20	60
Giant Pera. Very large, smooth skin, few seeds, splendid for slicing	5	10	25	85
Japanese Climbing. Excellent for frames or open ground, can be trained on a trellis.....	5	15	30	1.00
Early Frame or Short Green. Fruit straight, bright green.....	3	8	15	50
Chicago or Westerfield Pickling. Largely grown in the vicinity of Chicago, and its popularity has extended to other markets. A fine pickling variety.....	3	8	15	50
Jersey Pickling. Fruit long and slender.....	3	8	15	50
Cool and Crisp. A strain of White Spine resembling the Arlington	3	8	15	50
Gherkin for Pickling. A small oval, prickly variety, distinct from all others.....	5	15	25	80



Westfield's Chicago Pickling.



Japanese Climbing Cucumber.



Nest Egg Gourd.

	Large Pkt.	Oz.	¼ lb.	Lb.
GOURD. Nest Egg. Closely resembles an egg in size, color and shape. Make the very best of nest eggs.....	5c	10c	25c	85c
Dipper. The dried fruit make excellent and durable dippers.....	5	10	25	85
Luffa or Dish Cloth Gourd. When the seeds and shells are removed, the tough fibrous mass make excellent dish cloths which always remain sweet and clean. They also make an excellent substitute for the "Bath Sponge," and are much more durable.....	5	20	50	1.75
Mixed Gourds. All kinds.....	5	20	40	1.00
KALE or BORECOLE. Dwarf Green Scotch. Dwarf and spreading. The best sort.....	5	10	20	60
KOHL RABI. Early White Vienna. White Ball.....	5	15	50	1.75
Early Purple Vienna. Purple Ball.....	5	15	50	1.75
LEEK. London Flag. The variety in most general use.....	5	15	45	1.50
Large Musselburg. Leaves large and broad; mild flavor.....	5	15	45	1.50



Egg Plant, Large Purple.

EGG PLANT.

	Large Pkt.	Oz.	¼ lb.	Lb.
Improved New York Purple. Large, smooth, oval. Ours is the spineless which is much preferred. Fine deep purple; flesh white and tender.....	5c	30c	\$1.00	\$3.50
Improved New York White. Same shape and quality as the above, but white. In appearance, very striking and handsome.....	5	45		
Black Pekin. Round dark purple fruit.....	5	30	1.00	3.00
ENDIVE. Green Curled. The standard sort for fall and winter crop.....	5	20	40	1.35
GARLIC. The Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is largely used in the south of Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs, called "cloves," which are planted in the spring. Bulbs, per lb. 30 cts., postpaid. Write for special price on quantity.				

The Most Wonderful Green-house in the World.



At first sight, the reader will naturally inquire, what can there be about this small, rudely constructed affair, to entitle it to be called, "The most wonderful greenhouse in the world?"

We think, however, that the few facts our space allows us to present, will justify that title and interest our readers.

The greenhouse, of which our illustration is a direct reproduction, is situated in Upper Geyser Basin, Yellowstone National Park, Wyoming. The altitude at this point is 7400 feet above sea level, and there is not a month in the year that ice does not at some time form. Nevertheless, this greenhouse is heated without fire, and produces vegetables of the finest

quality, in a shorter space of time from the planting of the seed, than any other greenhouse in the world.

Copyright 1898 by Northrup, King & Co.

The simple facts are these: The greenhouse is built over a running stream, which comes from a six inch hole in the formation, at a temperature of 195° F. This not only at all times, furnishes ample heat, but the vapor with which the vegetation is constantly surrounded, hastens its growth to an astonishing degree. For instance: Lettuce planted from dry seed came up in two days; Cucumber in three days; Radishes in four days. Lettuce, twenty-eight days after planting, measured twenty-two inches across. Cucumbers were gathered in thirty-four days after planting, and yielded almost beyond belief.

We are indebted to Mr. W. P. Lowe, manager of the hotel at Upper Geyser Basin, and the originator and builder of this unique greenhouse, for the above and many other interesting particulars about it. We have also learned that Mr. Howe, very kindly, (and without our knowledge,) caused a large sign to be painted and prominently displayed on the premises, bearing the words: "THE SEEDS USED IN THIS GREENHOUSE ARE FROM NORTHROP, KING & CO., SEEDSMEN, MINNEAPOLIS."

Over four thousand people visited this curious vegetable house during the season of 1897, and with one accord pronounced it one of the greatest wonders of the Yellowstone National Park.

LETTUCE.

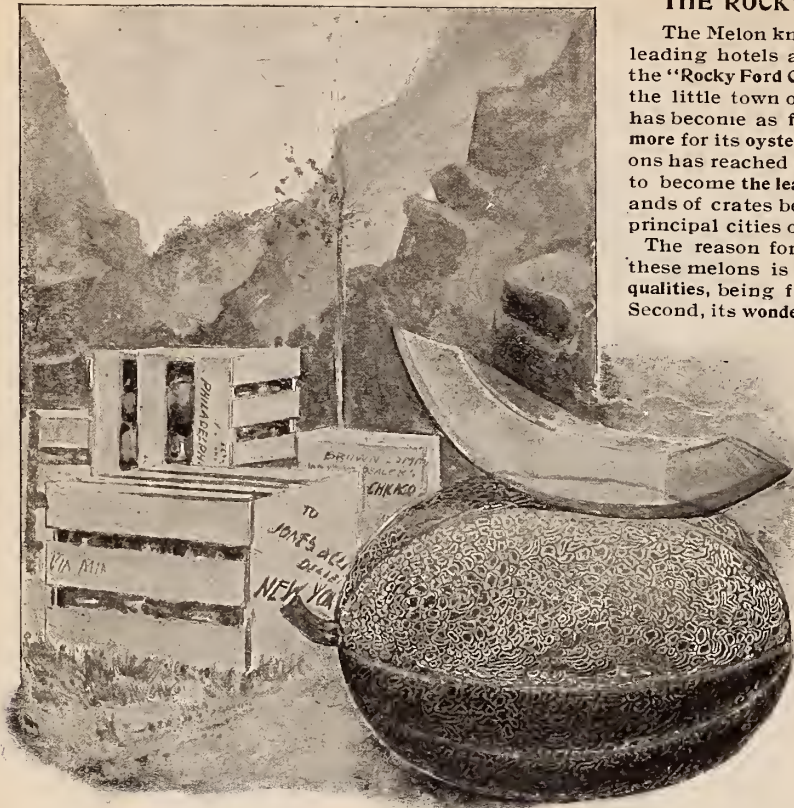
Our Packets of Lettuce contain on an average about 2500 Seeds.

	Large pkt.	Oz.	¼lb.	Lb.
N., K. & Co's Golden Ball. An entirely distinct sort of a delicate golden yellow; crisp and tender; remains fit for use longer than any other sorts.....	5c	10c	25c	75c
Black Seeded Simpson. One of the best, either for forcing under glass or for out door culture. Early.....	3	8	20	60
Tilton White Star. Excellent for forcing or out-door planting. Heads large and loose. Remains long in condition for use.....	3	8	20	60
Grand Rapids. Large and tender. One of the best for greenhouse forcing. A good shipping variety.....	3	8	20	60



	Large pkt.	Oz.	¼lb.	Lb.
Denver Market. An early heading variety. The leaves which are blistered, are tender and sweet.....	5c	8c	20c	60c
White Summer Cabbage. Close heads of good size; excellent for summer.....	5	8	20	60
Hanson Head. A fine head variety of large size. One of the best for home use.....	5	10	25	70
Prizehead. The leaves are tinged with russet. A favorite variety to be found in many gardens.....	3	8	20	60
Early Tennisball. Black seeded. One of the best for forcing under glass, or early out-door planting. Plants medium size, having thick dark green leaves. When once grown forms solid heads which are crisp and tender.....	3	10	20	70
Big Boston. A large headed forcing sort.....	5	10	25	80
Simpson's Early Curled. Leaves large, thin, slightly ruffled and blistered. One of the best out door varieties. Remains a long time in condition for use.....	3	8	20	60
Buttercup. Leaves round, smooth, yellow... Early White, Self Folding. Co's. Leaves are yellowish white in color. Long, narrow, upright, folding into a solid head, Very crisp and tender. Very fine for salads. A favorite sort in Europe.....	3	8	20	60
	5	10	25	85

Early White, Self Folding. Co's. Leaves are yellowish white in color. Long, narrow, upright, folding into a solid head, Very crisp and tender. Very fine for salads. A favorite sort in Europe.



Rocky Ford Musk Melon.

MUSK MELON.

Our packets of Musk Melon contain on the average about 250 seeds.

Large Pkt. Oz. ¼ lb. Lb.

Northrup's Yellow Meated Japan. This magnificent melon is without doubt the best yellow meated canteloupe yet produced. In the Minneapolis market, the gardeners who grew them realized a very much higher price than any other melon brought, and solely on account of their sweetness, thickness of flesh and delicacy of flavor. The melons are of large size, quite early and yield profusely. No melon grown will give equal satisfaction on the table; none will command as high a price in the market....	5c	20c	50c	\$1.50
Northrup, King & Co.'s Cream Canteloupe. Large size, medium early and the best shipper of all the yellow flesh varieties. Splendid full flavored sort, but lacks the fine melting quality of Yellow Meated Japan.....	5	8	25	75
Extra Early Citron or Nutmeg. Very early, good size, green flesh, heavily netted, excellent quality.....	3	8	15	50
Emerald Gem. Extra Early, small, skin dark green, flesh orange, very sweet.....	3	8	15	50
Osage. Oval, medium size, green skin, yellow flesh, excellent quality.....	3	8	15	50
J. my Lind. Very small and very early; flesh green and of fine flavor.....	3	7	15	50
Hackensack. Large, round, skin and flesh green; quality good....	3	7	15	50
Banquet. Round, densely netted; flesh salmon in color and very sweet.....	3	8	15	50
Banana. Much resembles the fruit from which it takes its name, not only in shape but in flavor..	3	7	15	50

Large Pkt. Oz. ¼ lb. Lb.

Early Netted Gem. Very early, small, coarsely netted, green flesh, fine flavored.....	3c	7c	15c	50c
Extra Early Hackensack. Very popular in some markets. Heavily ribbed, coarsely netted.....	3	7	15	50
Baltimore or Acme. Fruit medium size, oval, netted. Flesh thick, green, sweet.	3	7	15	50
Cosmopolitan. Fruit oval, light green, netted. Flesh green, sweet and highly flavored.....	3	7	15	50
Montreal. Fruit very large, spherical. Flesh light green, juicy and sweet....	3	7	15	50
Osage or Improved Miller's Cream. Medium sized, dark green in color. Flesh deep salmon color, very thick and of splendid flavor.....	3	7	15	50
Shumway's Giant. Largest of all canteloupes; skin yellowish green. Flesh light salmon.....	3	7	15	50



Northrup's Yellow Meated Japan,

THE ROCKY FORD MUSK MELON.

The Melon known on the "bills of fare" of the leading hotels and restaurants of America as the "Rocky Ford Canteloupe" takes its name from the little town of Rocky Ford, Colorado, which has become as famous for its melons as is Baltimore for its oysters. The shipping of these melons has reached such proportions as to cause it to become the leading industry of the town, thousands of crates being annually forwarded to the principal cities of the United States.

The reason for the wide-spread popularity of these melons is two-fold. First, its superb table qualities, being firm, sweet, and remarkably solid. Second, its wonderful shipping qualities, which enable it to be carried great distances, and yet arrive in first-class condition for market.

The fruit is of medium size, oval shaped, heavily netted and very solid. The flesh is green, thick and juicy.

It is very early and wonderfully productive. No doubt there will be a very large demand for this variety the coming season, and inferior stock will be put upon the market.

We obtained our seed at high cost direct from Rocky Ford. Those who purchase their seed from us can fully rely on securing the genuine stock.

Pkt. 15c., oz. 30c. ¼ lb. \$1.00, Lb. \$3.00.

N.K. & CO'S KLONDIKE THE EARLIEST WATER MELON



AN EXPERT OPINION.—"We likes de KLONDIKE, kase we don't have to wait so long fer 'em, see!"

WATER MELON.

Our Packets of Water Melons contain on the average about 100 Seeds.

Northrup, King & Co's Klondike. The earliest. The great objection to the extremely early water melons has been their inferior quality. This has been entirely overcome in the KLONDIKE, which is offered with the full assurance of not only being remarkably early, but as sweet, delicate, and melting in flavor as any variety grown. The flesh is of deep scarlet. Rind thin and on this account is not a particular good shipping sort. It will ripen in altitudes where it has not been thought possible to mature a good water melon. It is to all other varieties of water melons, what the early Minnesota is to tomatoes. The earliest and of quality second to none. Pkt. 10c; Oz. 20c; ¼ lb. 40c; 1 lb. \$1.00.

MELON PEACH



Duke Jones. This is the latest introduction of Mr. Girardeau, the "Melon King" of Florida. Dark green rind, bright red flesh, early, prolific, very large. The agent of the road over which Mr. Girardeau shipped his melons states that "several carloads averaged over 40 lbs. to the melon." Large Pkt. 3c; Oz. 15c; ¼ lb. 25c; 1 lb. 75c.

	Large Pkt.	Oz.	¼ lb.	Lb.
Green and Gold. Golden orange flesh, skin very dark green; intermediate; a unique sort.....	3c	7c	15c	40c
Kolbs Gem. Large, bright red, fine quality, good shipper.....	3	7	15	40
Pride of Georgia. Round, large, crisp, bright red flesh.....	3	7	15	40
The Boss. Oblong, dark green, flesh deep scarlet, and thin rind; intermediate.....	3	7	15	40
Dark Ice. Solid, with thin dark green skin; of superior quality; white seed; early.....	3	7	15	40
Mammoth Ironclad. Long, large, late; red flesh; good shipper.....	3	7	15	40
Phinney. Early and of good quality; red flesh.....	3	7	15	40
Dixie. New; large and solid; flesh red; intermediate.....	3	7	15	40
Seminole. Very large; quality first rate; intermediate.....	3	7	15	40
Cuban Queen. Solid, heavy; excellent quality; early.....	3	7	15	40
Black Spanish. Large roundish, dark red flesh; early.....	3	7	15	40
Ice Cream or Mountain Sweet. Old reliable sort; flesh red; late.....	3	7	15	40
Jumbo. Very large; flesh red and very sweet; a good shipping sort; intermediate.....	3	7	15	40
Southern Rattlesnake. Oblong, striped; red flesh; late.....	3	7	15	40
Citron for Preserves. Round, handsome; for preserving.....	3	7	15	40
Sweetheart. Quality good; an excellent shipping variety; seeds dark gray.....	3	7	15	40
Peerless. An excellent variety for family and local use. Flesh scarlet.....	3	7	15	40



Mel'on Peach. The fruit is about the size of a large peach, oval shaped, and of a bright orange color, somewhat russeted. For sweet pickles, pies, or preserving, they are superb; a few pieces of sliced lemon or a little lemon essence adds to their flavor, and is usually desirable. They are easily cultivated, wonderfully productive and can be used in every way in which you would use a peach, except that they are not usually liked raw; although some consider them excellent simply sliced with a little sugar on. Pkt. 5c; Oz. 30c.

Kentucky Wonder. We introduced this melon in 1886. At that time we thought it the best melon; in 1893 we think the same. One just cause for criticism on many of the new melons that have of late been sent out, is that for the most part they have been, at the best, slightly improved strains of some old and well-known sort. This cannot be said of Kentucky Wonder. It is distinct and the melon itself proves it. In shape it is oblong, attaining a good size, skin dark green and beautifully marked. Flesh a beautiful rich scarlet color, crisp, rich, sugary, always firm and solid, never mealy or tough. Kentucky Wonder has won first prize over such well-

known and popular sorts as Ironclad, Cuban Queen, Kolb's Gem, etc. Large Pkt. 5c; Oz. 10c; ¼ lb. 20c; 1 lb. 60c.



We consider our Minnesota Grown Onion Seed the **Finest in the World**. We do not believe that **any seed grown** will produce Onions that will **Ripen as Early, Keep as Long**, or produce as small a percentage of "thick necks" or "scullions."

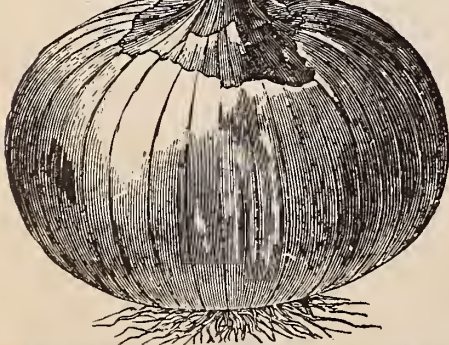
ONIONS.

Our Packets of Onion contain on the average about 1,500 Seeds. One ounce will sow 100 feet of drill; 4 to 5 lbs to the acre are required for large Onions, 50 to 60 lbs to the acre for sets or pickles.

Large Pkt. Oz. $\frac{1}{4}$ lb. Lb.
Extra Early Red Flat. (Sometimes called Extra Early Red Wethersfield). A medium sized flat variety, good yielder. Ready for use about two weeks earlier than Large Red Wethersfield. Very desirable for early marketing. Best where seasons are very short. Good keeper..... 3c 7c 20c 70c

	Large Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Extra Early Red Globe. Much used for early bunch onions. Not a good keeper...	3c	7c	20c	70c
Early Red Globe. (Gregory's Strain.) Ten days earlier than the Southport Red Globe	5	15	35	\$1.25
Southport Red Globe. The standard Red Globe; productive; splendid keeper. Attains large size; quality excellent.....	5	10	25	80
Large Red Wethersfield. The standard Red sort; attains a large size; very popular; a splendid keeper.....	5	10	25	75
Yellow Globe Danvers. Perfectly globe shaped; heavy cropper; excellent keeper, and attains large size.....	3	8	20	60
Southport Yellow Globe. Spherical in shape; later than Yellow Globe Danvers. Color, rich yellow.....	5	10	20	65
Yellow Danvers. A standard sort; roundish; excellent keeper. In productiveness exceeds all other varieties.....	3	8	15	50
Yellow Strasburg or Dutch. Later and more flat than the Danvers. The best sorts from which to grow "sets".....	3	8	15	50
White Portugal or American Silverskin. Produces early onions of mild flavor; largely used for growing sets and pickles.	5	15	50	1.50
Paris White Silverskin. An early, small, round, white variety. Excellent for bunching, pickles, etc.....	5	15	40	1.20
White Globe. (Southport Strain.) Best keeper of the white varieties. Large size; handsome form; mild flavor.....	5	20	60	\$2.00
White N., K. & Co.'s Pickling. For early bunching, pickling and sets. Small, hard, round; keeps well; does not turn green when exposed to the sun.....	5	15	50	1.75
White New Queen. Small; noted for extreme earliness and mildness of flavor; much used also for pickling.....	3	16	30	1.00

EXTRA EARLY RED



"I made a mistake in planting the Red Wethersfield Onion I got from you. I put the seed in thick, allowing for bad seed, BUT THEY ALL CAME UP, and gave me the trouble of thinning them out. It is a MARVELOUS ONION."—ANGUS McDOWELL, Wausaukee, Wis.

"Your Red Wethersfield Onions were the finest I have ever grown."—D. H. TRACY, Effington, S. D.

NORTHROP, KING & CO'S. GLOBE WETHERSFIELD ONION



The Onion above illustrated is a direct reproduction from a photograph of an average specimen of Northrup, King & Co.'s GLOBE WETHERSFIELD ONION and fairly shows its natural size and shape.

This is really a Red Globe Onion of the finest and most select type and we believe it to be unequalled by any stock in existence. We have called it N. K. & Co's Globe Wethersfield in order to distinguish it from all other stocks of Red Globe Onion from which it differs, not only in purity of stock and perfection of shape, but in earliness, productiveness and beauty of color. The outer skin possesses that lustre and richness of color so desirable and yet so often lacking in Red Globe stock. We have been led to pay special attention to this onion, as we believe Globe Shaped Onions to be the onion of the future. They are most attractive in appearance, most economical in use, and usually they command the highest price. They are more profitable than flat varieties to grow, as they occupy no more room in the row, but weigh more and measure better. Price: large pkt, 10c, oz. 25c, 1/4 lb., 70c, 1b. \$2.25, 10 lbs., @ \$2.00.

CAUTION: For the protection of our customers and ourselves, every package of the onion sold whether it be large or small, will bear a fac simile of our trademark as shown at lower right hand corner of this page.



Field of N. K. & Co.'s Globe Wethersfield Onions.
[From a Photograph].



In order to impress upon Onion Growers the great care we have exercised in the selection of this onion, we attach the following statement from our Mr. Charles C. Massie who was entrusted by us with the selection and planting of the bulbs from which our Globe Wethersfield Onion Seed was this year produced.

MR. MASSIE'S STATEMENT.

I certify that I personally attended to the selection and planting of the Globe Wethersfield Onion, and that the onion shown in the accompanying illustration correctly represents in shape and size all the bulbs from which the crop of seed was produced. I also attended to the threshing, cleaning and testing of said seed, and believe it represents as pure and select a lot of Onion Seed as is possible to produce.

CHARLES C. MASSIE.
Minneapolis, Dec 20th, 1897.

ONIONS.

PRIZETAKER. This onion has become a great favorite on account of its large size and great solidity. It is perfectly globe-shaped, with bright straw-colored skin; the necks are very small and the onions always ripen up hard. An excellent keeper, exceedingly fine flavor. grows to an enormous size. Onions weighing 5 lbs., having been grown from seed the first year. One of our Minnesota customers reports that he sold during the past season a large portion of his crop at \$1.25 a bushel, and at a time too when ordinary onions were going slowly at 30 cents a bushel. Prizetaker is the favorite variety for transplanting. On account of its being somewhat late, it is not recommended for general planting in the extreme north. Large pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.30. postpaid.

BERMUDA ONIONS. These onions grow to an immense size and are of beautiful form. The skin is very thin; flesh white, fine grained, of mild and pleasant flavor. It will grow an onion from one to one and a half pounds from seed, but to attain the full size the bulb should be set out the following spring. White or red, each, per pkt., 10 cts.; Oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50. postpaid.

MAMMOTH SILVER KING. We hardly know which to commend the most, its large size, symmetrical appearance and beautiful silvery flesh or its sweetness, tenderness and mild flavor. These qualities make it the best for exhibition. Not recommended for extreme north. Large pkt. 5c; oz. 15c; ¼lb. 50c; lb. \$1.50 postpaid.

EXTRA EARLY WHITE QUEEN. Remarkable for its earliness and mild flavor. In size it is very small. Much used for pickling.

WHITE BARLETTA. This variety is most distinct on account of its great earliness. It is earlier than the White Queen. It is of a beautiful waxy white color and grows 1½ inches in diameter and ¾ of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for onion sets. An excellent pickling sort. Postpaid.



Large Pkt.	Oz.	¼lb.	Lb.
5c	15c	40c	\$1.25

5	15	50	1.50
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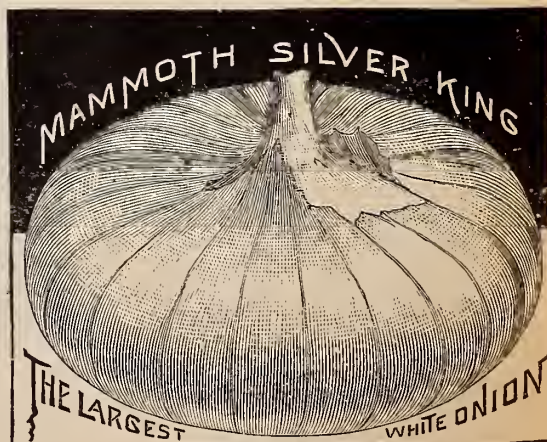
Extra Early White Queen Onion.

THE FARMER'S GARDEN.

Farmers as a class do not have good gardens. This is doubtless owing to the rush of work in the spring, and to the fact that hand labor is expensive and not always available.

MR. A. K. BUSH, Horticulturist, with the Minnesota Farmers' Institute, also a practical gardener and farmer, has at our request, prepared an illustrated plan of the **Farmers Garden**, he is advocating. It is the most practical thing of the kind ever brought to our attention, and does away very largely with hand labor. MR. BUSH's plan provides for a Fruit and Vegetable Garden that may be easily cared for with the aid of a horse and ordinary farm cultivator. It is illustrated by a diagram, and instructions are given as to culture, rotation, etc. Every farmer, in fact every one who has or wants a garden, should have this folder, entitled, "**THE FARMER'S GARDEN.**" It is Free to those who send us an order and ask for it.

Scientists make the startling assertion that lung and kidney ailments are rapidly increasing among the farmers of America, and assign as one of the principal reasons, the lack of edible food in sufficient variety.



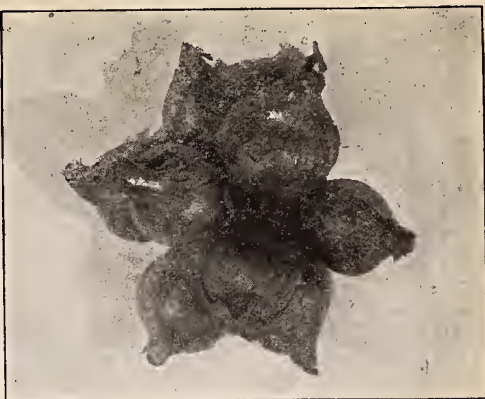
--THE--

IMPORTANCE OF USING NORTHERN GROWN
ONION SETS.

Onion Sets are planted in order to obtain onions earlier than they can be had from seed. It follows therefore that Northern Grown Onion Sets will produce onions earlier than southern grown sets. In addition to this our sets are incomparably superior to ordinary stock, being of small size, sound and free from trash. PRICES subject to market changes.



N. K. & Co.'s White Silverskin Onion Sets.



Top Onion Set.

PRICES (subject to market changes). If wanted by mail add 10 cents a quart for postage. Pk's. at bu. rates.

	Qt.	4 Qts.	Bu.
White Bottom Sets.....	20c	60c	\$4 50
Red " ".....	20	60	4 25
Yellow, " ".....	20	60	4 00
Red Top.....	25	75	5 00
Yellow Top.....	30	80	6 00
White Multipliers.....	30	80	5 50
Potato Onion.....	30	80	6 00
Egyptian or Perennial Sets.....	20	60	4 00

Once set out and established, Egyptian sets come up year after year. Will stand any climate and furnish the earliest green onions.

PARSLEY.

Our Packets of Parsley contain on the average about 2000 Seeds.

Champion Moss Curled Parsley. For garnishing; no variety is more attractive when well grown; resembles a tuft of finely curled moss, is hardy and slow in running to seed. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c; postpaid.

Emerald. Distinct in appearance from any of the other varieties, being of a lighter and more brilliant shade of green. The plant is of dwarf habit, with leaves finely cut and very curly. To growers for the market as well as for private gardens we commend this sort. Pkt., 3c; oz. 7c; ¼ lb., 20c; lb., 70c.

Extra Double Curled. A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 50c.

Plain. The leaves of this sort are plain; it is hardier than the curled variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

Hamburg or Turnip-Rooted. A fleshy-rooted kind; the roots used for flavoring soups. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c;

PARSNIP.

Our Packets of Parsnip contain on the average about 1500 Seeds.

Hollow Crown. We believe this is the finest stock of Parsnip that can be procured. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this improved strain particularly desirable. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

Long Smooth. A fine flavored variety. Pkt., 3c; oz., 7c; ¼ lb., 12c; lb., 40c.

Early Round. An early variety, but of small size. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

To Market Gardeners.

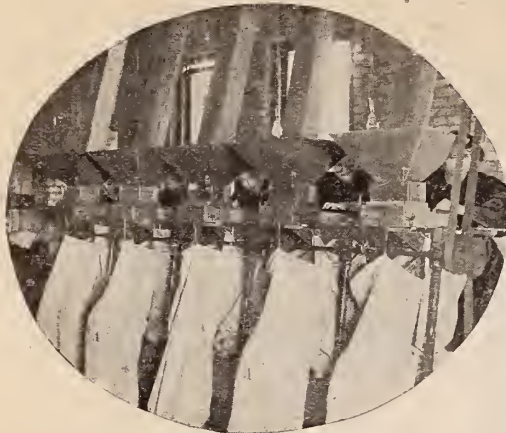
Market gardeners as a rule send away from home for their seeds.

Our orders from distant cities are increasing in number and size each year, and this of course gives us great satisfaction. We are best pleased however to be able to state, that we have and hold the trade of the best gardeners of our own town.

Such expressions as those of Mr. Busch (page 6) and of Mr. Reeves (page 21) are but a type of many we could and would be glad to print, did space admit.



Moss Curled Parsley



A Corner of our Picking Room.
From a Photograph.

SEED PEAS.

Northern Grown Seed Peas are earliest, hardiest, most productive, and we make a **SPECIALTY** of them. The level fields of the Northwest produce crops of a uniformity unknown in other pea growing sections. Our crops are thoroughly "rogued" while growing. Samples are fine, free from the pea weevil and thoroughly handpicked.

PRICES. In order to encourage purchases from large planters who live at distant points, we have made exceptionally low prices. Freight rates named on application. Note also, that pints are supplied at quart prices. Pecks and half bushels at bushel prices. No charge for bags. Do not overlook that as our quart prices include postage, 15 cents a quart—7c a pint should be deducted if sent by express or freight at purchaser's expense.



AMERICAN WONDER **NORTHROP'S SELECT STOCK.**

FIRST EARLY PEAS.

Our Packets of Peas contain on the average about 150 Seeds.

One quart will plant about 100 feet of drill. One and one-half bushels to the acre.

	Large Pkt.	Qt.	Bu.	10 Bu. @
Northrup's Summit. Height 2½ ft. Seeds white. Earliest, most even in maturity, most productive. Has the largest pod of any extra early.....	5c	40c	\$2.75	\$2.50
Laxton's Alpha. 2½ ft. Seeds green, wrinkled. Peas small, very fine flavored.....	5	35	2.75	2.50

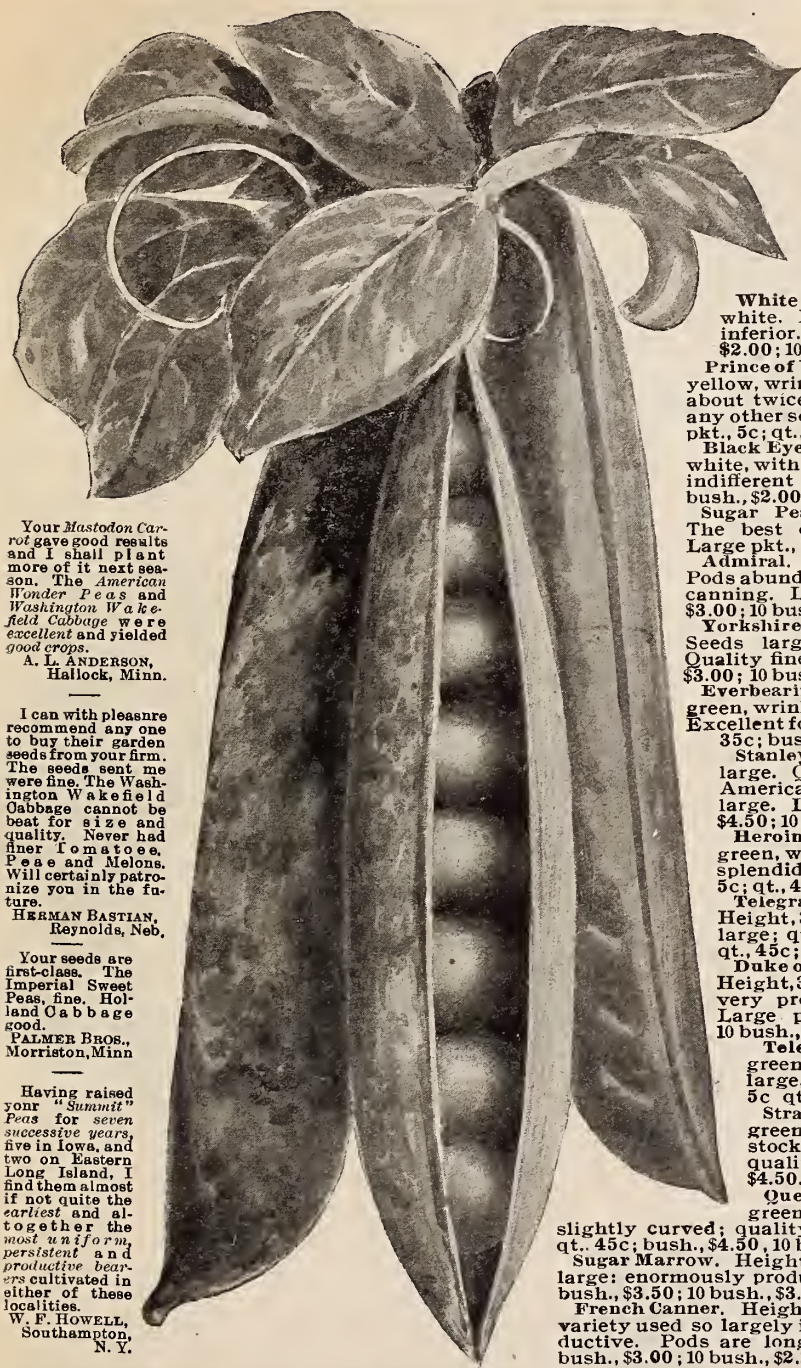
	Large Pkt.	Qt.	Bu.	10 Bu. @
First and Best. Height, 2½ ft. Seeds white. A standard early sort.....	5c	35c	\$2.50	\$2.15
Rural New Yorker. 2½ ft. Seeds white. Early, uniform. An improvement on the First and Best Alaska. Height, 2 ft. Seeds blue. Very early and uniform.....	5	35	2.60	2.25
	5	35	2.50	2.25

SECOND EARLY PEAS.

American Wonder. Height, 10 in. Seeds green, wrinkled. Very early, quality excellent. Need no brush. One of the best for private gardens.....	5c	35c	\$3.25	\$3.00
Nott's Excelsior. Height, 1 ft. Seeds green, wrinkled. A new sort, similar in growth to American Wonder, but pods are larger. Needs no brush. Flavor superb.....	5	40	4.00	3.75
Tom Thumb. Height, 10 in. Seeds white. Earliest dwarf sort. Quality fair. Need no brush.....	5	35	4.00	3.50
Blue Peter. 10 inches. Seeds blue. Very early, quality good.....	5	35	3.75	3.25

Little Gem. Height, 14 in. Seeds green, wrinkled. Quality excellent. A standard family sort....	5	35	2.75	2.50
Sapphire. Height, 1½ ft. Seeds blue. Quality excellent.....	5	35	3.00	2.50
Horsford's Market Garden. Height 2 ft. Seeds green, wrinkled. Productive. Quality unexcelled....	5	35	3.00	2.50
Advancer. Height, 2 ft. Seeds green, wrinkled. Excellent quality. Favorite sort in Eastern markets...	5	35	2.50	2.25
Abundance. Height, 2 ft. Seeds green, wrinkled. Excellent quality. Very productive.....	5	35	2.50	2.25

MAIN CROP PEAS.



Your Mastodon Carrot gave good results and I shall plant more of it next season. The American Wonder Peas and Washington Wakefield Cabbage were excellent and yielded good crops.

A. L. ANDERSON,
Hallock, Minn.

I can with pleasure recommend any one to buy their garden seeds from your firm. The seeds sent me were fine. The Washington Wakefield Cabbage cannot be beat for size and quality. Never had finer tomatoes, Peas and Melons. Will certainly patronize you in the future.

HERMAN BASTIAN,
Reynolds, Neb.

Your seeds are first-class. The Imperial Sweet Peas, fine. Holland Cabbage good.

PALMER BROS.,
Morriston, Minn.

Having raised your "Summit" Peas for seven successive years, five in Iowa, and two on Eastern Long Island, I find them almost if not quite the earliest and altogether the most uniform, persistent and productive bearers cultivated in either of these localities.

W. F. HOWELL,
Southampton,
N. Y.

Shropshire Hero. Height, 3½ ft. Seeds green, wrinkled. Very productive; quality fine; both pods and peas are very large. Large pkt., 5c; qt., 35c; bush., \$3.00; 10 bush., \$2.50.

Champion of England. Height, 4 ft. Seeds green, wrinkled. Worthy of continued use not only on account of its fine quality, but from the fact that from it has sprung the whole race of green wrinkled peas. Large pkt., 5c; qt., 35c; bush., \$2.50; 10 bush., \$2.25.

White Marrowfat. Height, 4 ft. Seeds white. Productive, but in quality rather inferior. Large pkt., 5c; qt., 30c; bush., \$2.00; 10 bush., \$1.60.

Prince of Wales. Height, 3 ft. Seeds large, yellow, wrinkled. A bushel of pods will give about twice the quantity of shelled peas of any other sort. Quality unsurpassed. Large pkt., 5c; qt., 40c; bush., \$4.00; 10 bush., \$3.50.

Black Eye Marrowfat. Height, 4 ft. Seeds white, with a black eye. Very hardy, but of indifferent quality. Large pkt., 5c; qt., 30c; bush., \$2.00; 10 bush., \$1.60.

Sugar Peas.—Edible Pods, Giant White. The best of the edible podded varieties. Large pkt., 5c; qt., 40c; bush., \$4.00.

Admiral. Height, 3 ft. Seeds white, small. Pods abundant. Good flavor. Excellent for canning. Large pkt., 5c; qt., 40c; bush., \$3.00; 10 bush., \$2.25.

Yorkshire Hero. (Big Gem) Height, 1½ ft. Seeds large, yellowish, green, wrinkled. Quality fine. Large pkt., 5c; qt., 35c; bush., \$3.00; 10 bush., \$2.50.

Everbearing. Height, 3½ ft. Seeds large, green, wrinkled. Continues long in bearing. Excellent for family use. Large pkt., 5c; qt., 35c; bush., \$3.00; 10 bush., \$2.25.

Stanley. Height, 15 inches. Seeds green, large. Quality delicious. Cross between American Wonder and Telephone. Pods large. Large pkt., 5c; qt., 45c; bush., \$4.50; 10 bush., \$4.00.

Heroine. Height, 3 feet. Seeds large, green, wrinkled; enormously productive; splendid quality; pods large. Large pkt., 5c; qt., 45c; bush., \$4.50; 10 bush., \$4.00.

Telegraph. (Long Island Mammoth.) Height, 3½ ft. Seeds quite smooth; pods large; quality excellent. Large pkt., 5c; qt., 45c; bush., \$4.50; 10 bush., \$4.00.

Duke of Albany. (American Champion.) Height, 3½ ft. New, large, green, wrinkled. Very productive and of finest quality. Large pkt., 5c; qt., 45c; bush., \$4.50; 10 bush., \$4.00.

Telephone. Height, 3½ ft. Seeds green, wrinkled; immense pods. Peas large, of delicious flavor. Large pkt., 5c; qt., 45c; bush., \$4.50; 10 bush., \$4.00.

Stratagem. Height, 1½ ft. Seeds green, wrinkled. Very large pods; our stock is very fine; peas of first-class quality. Large pkt., 5c; qt., 40c; bush., \$4.50.

Queen. Height, 3½ ft. Seeds large, green, wrinkled; pods immense size, slightly curved; quality unsurpassed. Large pkt., 5c; qt., 45c; bush., \$4.50; 10 bush., \$4.00.

Sugar Marrow. Height, 3½ ft. Seeds white; pods very large; enormously productive. Large pkt., 5c; qt., 40c; bush., \$3.50; 10 bush., \$3.00.

French Canner. Height, 3½ ft. Seeds white. This is the variety used so largely in France for canning. Very productive. Pods are long and slender. Large pkt., 5c; bush., \$3.00; 10 bush., \$2.25.

To Our Customers.

WE WANT SOMETHING BESIDES YOUR MONEY. We ask your co-operation in our efforts to supply first-class seeds at the lowest possible prices. You can aid us and aid others in three ways: 1st. By reporting to us the results of seeds you buy from us, whether satisfactory or not, stating particulars as far as possible. 2d. If our seeds please you, by informing your friends. We shall be glad to send our catalogue to any whose names you may find it convenient to send us. Many Seedsmen expend from Ten to Twenty Thousand Dollars yearly in advertising their catalogue. We believe that the best advertisement is a satisfied customer. 3d. By criticising our catalogue and telling us how, in your judgment, it can be made more effective. We shall greatly appreciate your friendly criticisms.



Pepper.

	Large pkt.	Oz.	¼lb.	Lb.
Kaleidoscope. So called because the fruits are constantly changing in color, through all shades from light yellow to intense scarlet.....	5c	15c	50c	\$1.75
Cardinal. Grows about six inches long; very sweet and thick fleshed; bright colored.....	5	15	50	1.75
Red Cluster. A new type of Chili, with upright, bright pungent red fruits.....	5	15	50	1.75

PUMPKIN.

Our packets of Pumpkin contain on the average about 75 seeds.

Japanese Pie. From Japan; entirely distinct; in quality is first-class; keeps well. The seeds are very curiously marked.....	5	10	25	.75
Early Sugar. Fine grained, sweet and prolific. Small in size but one of the best for pies.....	3	8	20	.50
Quaker Pie. An excellent variety.....	3	8	20	.50
Golden Oblong. Prolific; superior quality; good keeper; flesh very thick and fine grained.....	3	8	20	.50
Chesse. Large, hardy and productive. Excellent for table use. One of the best sorts for stock feeding.....	3	8	20	.50
Tennessee Sweet Potato. Pear shaped; creamy white in color; fine grained; dry and brittle; good keeper.....	3	8	20	.50
Connecticut Field. The standard variety for field culture and stock feeding.....	3	5	10	.35
N., K. & Co's Mammoth Prize. The largest pumpkin grown. Has attained a weight of 225 pounds. If you wish to see just how large a pumpkin you can grow, try the Mammoth Prize. The quality is excellent.	5	10	25	.80



Connecticut Field Pumpkin.

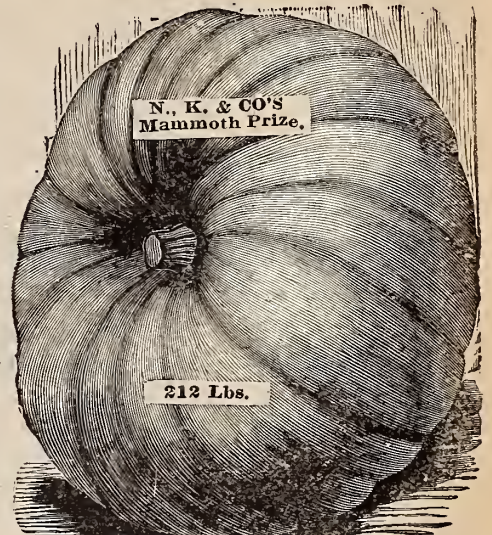
We sell Ground Oyster Shells, Crystal Grit, Ground Bone, etc., Cheap. See page 55. Our Catalogue of Poultry Supplies, Garden Tools, Fertilizers, mailed on application.

PEPPER.

AMERICAN GROWN SEED.

Our packets of Pepper contain on the average about 400 Seeds.

	Large Pkt.	Oz.	¼lb.	Lb.
Golden Dawn. Sweet, handsome, yellow.....	5c	15c	60c	\$2.00
Ruby King. Beautiful bright red; large fruit, mild; one of the best.....	5	20	60	2.00
Large Squash. Productive; much used for pickles	5	20	60	2.00
Long Red Cayenne. Bright red, Pods small, cone shaped. Scarlet when ripe. Pungent.....	5	20	60	2.00
Large Bell or Bull Nose. Large and mild. Early. Favorite sort.....	5	20	60	2.00
Oxheart. Heart-shaped; fine for pickling.....	5	20	60	2.00
Large Golden Upright. Quite distinct; double the size of Golden Dawn, and quite sweet; fine for Mangoes.....	5	20	60	2.00
Procopp Giant. Very large; brightly colored; fine flavor.....	5	20	60	2.00
Red Cherry. Cherry shaped; largely used for pickles.....	5	20	60	2.00
Red Chili. Very productive, small, red, very pungent.....	5	20	60	2.00
Yellow Chili. Similar in form to Red Chili, but more pungent and of a beautiful yellow color.....	5	25	75	2.50
Monstrous. Very large French sort.....	5	20	60	2.00
Sweet Spanish. Large, mild; used for salad.....	5	20	60	2.00
Sweet Mountain. Large and of mild flavor; much used for making mangoes.....	5	15	60	2.00
Celestial. A Chinese pepper; first fruit is yellow, and when fully matured becomes a deep scarlet	5	15	60	2.00



N., K. & Co's Mammoth Prize Pumpkin.

A WORD ABOUT PRICES.

In purchasing an article of clothing, purchasers can examine its texture, and satisfy themselves as to its quality, and there are tests which will determine the value of every article of merchandise Except SEEDS, for which the only test is that of time. Frequent advantage is taken of this by seedsmen, to ask unreasonable prices for their seeds, and when asked why their prices are higher than those of other firms, their reply is, "Beware of Cheap Seeds." etc. We say too, BEWARE OF CHEAP SEEDS, whether sold at ridiculously low or ridiculously high prices, for there has been as much humbuggery in the one as in the other. By GOOD SEEDS at Fair Prices, we mean the Best Seeds obtainable at prices that are fair to the purchaser and to the seller.



"GOOD SEEDS NOT PART OF THE TIME, BUT ALL THE TIME."



From a photograph showing one of Mr. Nelson Reeves's Cucumber Houses.

Early Yellow Turnip. Popular in the New York market.
Early Scarlet Globe. Fine for forcing or open ground.
Early White Box. Similar to White Turnip, but larger.
Rosy Gem. A fine, white tipped sort

"I have purchased the greater part of my seeds of your house for more than 12 years, and they have given me every satisfaction. It is worth a great deal to a market gardener to know where he can get good seeds, not part of the time, but all the time."
 Minneapolis, Nov. 15, '97. NELSON REEVES.

Mr. Reeves is one of the principal gardeners of Minneapolis. In addition to his out door crops he owns and operates 7 large Green Houses, all of which are devoted to vegetables, except his Pansy House. From this he markets each year several hundred thousand pansy plants (grown by the way from our Imperial German Strain which those who have used it consider unequalled for beauty and diversity of color and marking).

RADISH.

French grown seed make solid Radishes—Our packets of Radishes contain on the average about 900 Seeds—A light, quick, rich soil is best for Radishes.

TURNIP SHAPED.

	Large Pkt.	Oz.	1/4lb.	1lb.
Early Scarlet Turnip. White tipped. Very early, largely used both for growing under glass and outdoors.....	3c	7c	15c	60c
Early Deep Scarlet. Very early.....	3	7	15	40
Early White Turnip. Flesh pure white, sweet and firm.....	3	7	15	40

OLIVE SHAPED.

	Large Pkt.	Oz.	1/4lb.	1lb.
Early French Breakfast. Pink skin, white tipped. One of the finest sorts.....	3c	7c	15c	50c
Early Scarlet. Pure scarlet.....	3	7	15	40
White. Mild and firm.....	3	7	15	50

LONG WHITE.

White Naples. Pure white slender, for summer use.....	3	7	15	40
White Vienna, or Lady Finger. Pure white, delicate, tender.....	3	7	15	40
Strasburg. A great favorite in Germany, and popular here.....	3	7	15	50
Stuttgart. Early and very large.....	3	7	15	45

LONG RED.

Glass, or Cincinnati Market, (New). In appearance this Radish is entirely unique. Early, splendid for forcing or open ground. Our Mr. Northrup saw this fine radish in the Cincinnati market several years ago. Procured some of the seed, and we were the first to bring it to the notice of the trade. Every gardener should try it.....	5	10	20	60
Long Scarlet Short Top. This is a standard sort, suitable for frames or open ground.....	3	7	15	40
Brightest Scarlet. In appearance the most attractive of radishes, being a brilliant, fiery scarlet, with white tip.....	3	7	15	50
Chartier, or Shepherd. Longest of the long red sorts. White tipped, excellent quality.....	3	7	15	40
Wood's Early Frame. One of the best for forcing. Long, red, crisp.....	5	10	20	60

WINTER VARIETIES.

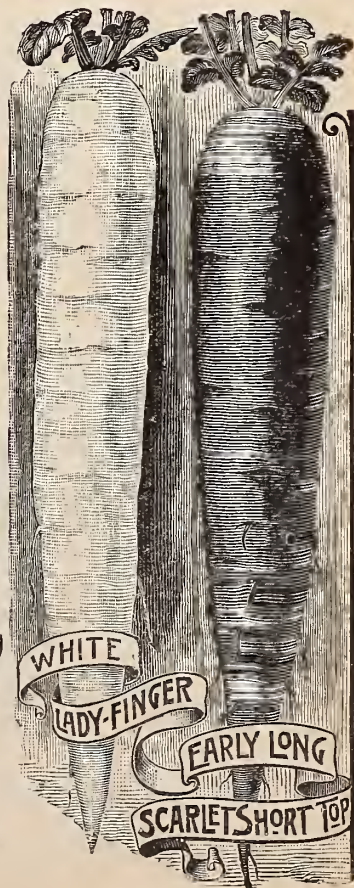
China Rose. A favorite winter sort, keeps well, pinkish color..	3	7	15	50
Long Black Spanish. A standard winter sort, black skin.....	3	7	15	50
Round Black Spanish. Excellent for winter, black.....	3	7	15	50
California Mammoth. White, very large.....	3	7	15	50

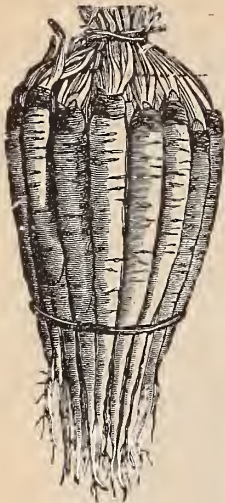


French Breakfast Radish.



Scarlet Turnip, White Tip.





Salsify.

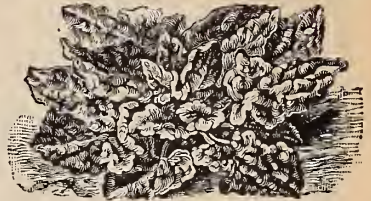
RHUBARB.

	Large Pkt.	Oz	¼lb.	Lb.
Monarch. The largest and most productive variety known. The leaf stalks are very numerous, the longer ones being from 15 to 20 in. in length, and fully 1½ in. wide. The whole plant is nearly 5½ ft. in diameter, while the leaves, exclusive of the flower stalks, are about 2½ ft. in height. It is the first article of the season from the garden, and no private garden should be without it.....	5c	20c	60c	\$2.00
Linnaeus. Early and of excellent quality.....	5	15	50	1.50
Victoria. Very large. Later than Linnaeus.....	5	15	50	1.50

For Rhubarb Roots see page 25.

SALSIFY OR VEGETABLE OYSTER.

	Large Pkt.	Oz.	¼lb.	Lb.
Improved French. Thick and Smooth.....	5c	10c	30c	\$1.00
Sandwich Island. Largest variety, superior.....	5	10	35	1.15
Wisconsin Golden. (New), large, yellowish, rich, tender and brittle.....	10	25	50	1.75



Spinach.

	Large Pkt.	Oz.	¼lb.	Lb.
Bloodsdales or Savoy Leaved. Standard sort. It grows quickly to suitable size for use, but soon runs to seed. It is one of the hardest varieties. Quality is excellent.....	3c	6c	10c	35c
Long Standing. (Round, thick leaved); stands longest without running to seed. Best for family use.....	3	6	10	35
Viroflay. Leaves large and thick.....	3	6	10	35
Prickly. Very hardy. Stands the winter well.....	3	6	10	35

SPINACH.**SUMMER VARIETIES.**

	Large Pkt.	Oz.	¼lb.	Lb.
Delicata (Henderson's). May be used either as a summer or winter variety; matures about the same time as the summer squashes, and is better flavor.....	3c	8c	20c	50c
Early White Scallop Bush. Earliest.....	3	8	20	50
Early Yellow Scallop Bush. Excellent.....	3	8	20	50
Early Summer Crookneck. One of the best; yellow.....	3	8	20	50
Early Pineapple. White skin and flesh; late.....	3	8	20	50
Perfect Gem. Round, white; productive.....	3	8	20	50
Golden Custard. Same as Yellow Bush, but larger.....	3	8	20	50
Mammoth Summer Crookneck.	5	10	25	60
Mammoth White Bush.	5	10	25	60

	Large Pkt.	Oz.	¼lb.	Lb.
Vegetable Marrow. A favorite English sort. Flesh white and of rich flavor.....	5c	10c	30c	\$1.00
"Straight-Neck" Summer Squash. —Ma et gardeners who ship early squash to distant markets, know the difficulty of packing the crookneck variety in boxes to good advantage. They do not fit into the space well, the crooked neck always seeming to go just where it is not wanted. In the "Straight-Neck," the bad feature of the crook has been overcome, and by continued selection the size has been increased, more uniformity in shape secured, and quality improved.....	5	10	25	90

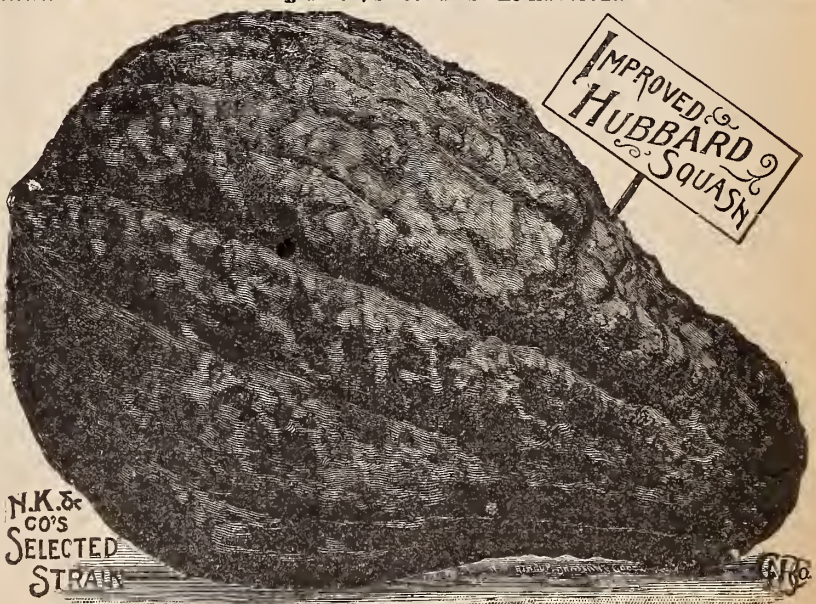
WINTER VARIETIES.

Early Orange Marrow. A selection from the Boston Marrow. Fruit smaller but earlier. Flesh yellow, thick, fine quality.....	3	8	15	50
Faxon. Very early. medium size, orange flesh, good keeper. One of the best for family use.....	3	8	15	50

Mammoth Chili. Attains enormous size, often reaching a weight of 200 lbs. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes. Large pkt., 5 cts.; Oz., 10 cts.; ¼lb., 20 cts.; Lb., 60 cts.

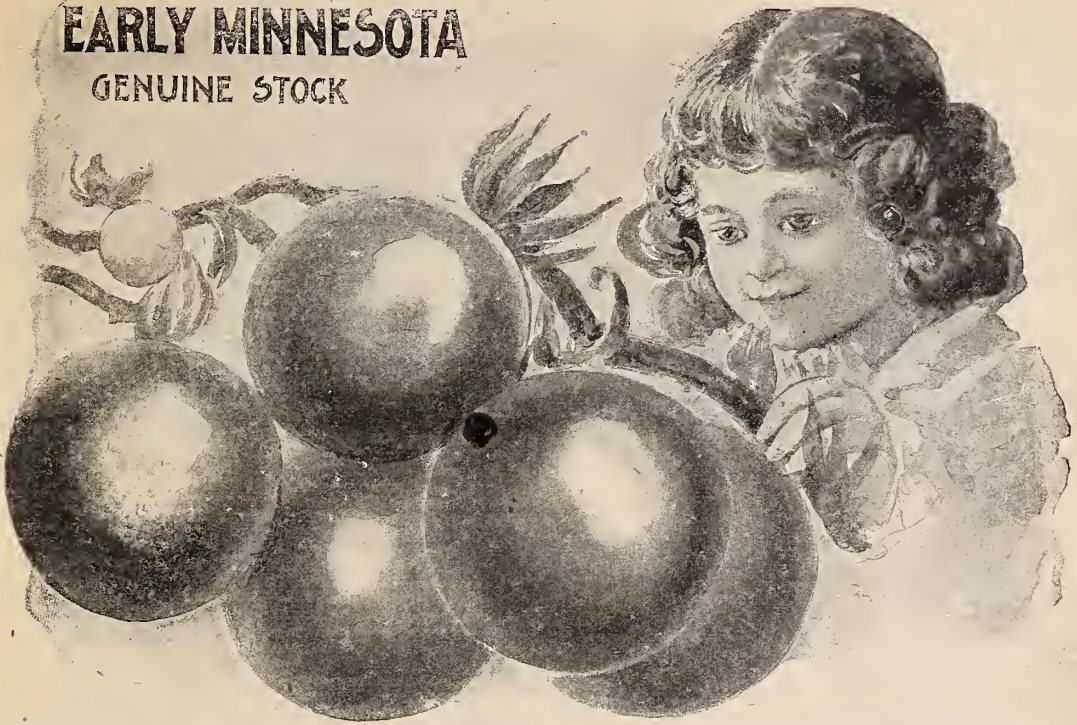
Hubbard. (N., K. & Co.'s Selected stock.) The great popularity of the Hubbard has led us to pay particular attention to our stock of this important sort. It is hardly necessary to say that the Hubbard is the standard sort, not only as a long keeper, but on account of its quality which is unsurpassed. Large Pkt., 5 cts.; Oz., 10 cts.; ¼lb., 20 cts.; Lb., 70 cts.

Warted Hubbard. A Hubbard Squash, large, blackish green, hard as wood, with warty knobs all over it, satisfies even the inexperienced observer that it is rich in quality, a keeper and thick fleshed—such will sell at sight, while ordinary small, irregular, poorly colored specimens stay on the stand until they rot. This strain has become very popular. Pkt., 5 cts.; Oz., 8 cts.; ¼lb., 25 cts.; Lb., 80 cts.



EARLY MINNESOTA

GENUINE STOCK



TOMATO. Early Minnesota. We cannot claim the honor of having originated this Tomato, but early appreciating the great value of a Tomato as early as this, and which at the same time possessed the good qualities of the later sorts, we have devoted every attention to still further developing its excellent characteristics, so that we think we may justly claim possession of the best stock of this sort in existence. We consider it superior to the Imperial, Ruby, or Early Michigan in points of shapeliness, color, smoothness, solidity and flavor, while for EARLINESS it is not approached by any good Tomato. Large pkt. 10c, Oz. 25c, $\frac{1}{4}$ lb. 75c, Lb. \$2.50.

TOMATO.

Our packets of Tomato contain on an average about 1,400 Seeds.

	Large Pkt. Oz. $\frac{1}{4}$ lb. Lb.			
Dwarf Champion. Leads all others in point of productiveness; foliage very distinct; color, purplish pink; flesh solid, early; fine quality; on account of its habit of growth, vines may be planted 3x3 ft., or even more closely.....	5c	20c	60c	\$2.00
Atlantic Prize. Very early, smooth, bright red and solid.....	3	20	50	1.75
Early Ruby. Very early, similar to Atlantic Prize.....	3	20	50	1.75
Early Michigan. Early, heavy cropper, deep rich color, excellent flavor.....	3	20	50	1.75
Imperial. Very early, large, smooth, light red; fine quality.....	3	20	50	1.75
Optimus. Good cropper, color crimson scarlet.....	3	20	50	1.75
Matchless. Large, smooth, handsome, bright red, solid.....	5	20	50	1.75
Ponderosa (true stock). Largest variety grown.....	5	30	1.00	3.00
Cardinal. Bright red, glossy, solid, good size.....	3	20	50	1.75
Perfection (Livingston). Early red, productive.....	3	20	50	1.75
Favorite (Livingston). Good shipper.....	3	20	50	1.75
Beanty (Livingston). Pinkish red, thick flesh.....	5	20	50	1.75
Stone (Livingston). Large, smooth, very solid, bright scarlet.....	5	20	50	1.75
Acme. Red, purplish at stem end; popular.....	5	20	50	1.75
Buckeye State (Livingston). Beef color, a little later than Beauty. Start plants early and stake up for early use.....	5	20	50	1.75
Turner Hybrid. Large, smooth, solid, purplish red.....	3	20	50	1.75
Royal Red (Livingston). Intensely red color, smooth, large, not a good shipper.....	3	20	50	1.75
Trophy. Solid, late, large.....	3	20	50	1.50
Yellow Plum. Used for pickles; bright yellow.....	5	25	60	2.00

Large Pkt. Oz. $\frac{1}{4}$ lb. Lb.

	5c	25c	60c	\$2.00
Peach. Much resembles a peach in appearance. The skin is thin and peels off like that of a peach; quality excellent.....				
Lorillard. Best for forcing, excellent for out-door cultivation, early, red, smooth.....	5	25	60	2.00
Red Cherry. Fruit small, used in pickling.....	5	25	65	2.25
Yellow Cherry. Fruit small, used in pickling.....	5	20	60	2.25



Strawberry, or Winter Cherry Tomato.

	Large Pkt. Oz. $\frac{1}{4}$ lb. Lb.			
Red Currant. Small fruit, used in preserves.....	5c	25c	65c	\$2.25
Strawberry (Winter Cherry or Husk). Excellent for preserve.....	5	25	65	2.25
Aristocrat. This is practically a red variety of Dwarf Champion.....	5	20	50	1.75
Crimson Cushion. Fruit very large, bright scarlet, solid, stands shipment well.....	5	25	70	2.00
Golden Queen. Rich deep yellow....	5	25	70	2.00

"Your EARLY MINNESOTA TOMATO is the earliest Tomato I have ever tried."—A.L. Anderson, Hallock, Minn.
 "EARLY MINNESOTA TOMATO are the best Early Tomato I ever saw. They ripen early, bear well, and are of fine flavor."—Henry Failing, Sedalia, Col.



TURNIP—Table Sorts.

Our Packets of Turnips contain on the average about 3,500 Seeds.

	Large Pkt	Oz.	¼lb.	Lb.
Early Milan. Purple top; two weeks earlier than any other sort; flesh snow white, fine grained and of excellent flavor.....	5c	10c	25c	90c
Purple Top Munich. Very early; should be grown quickly. Gets coarse when very large.....	5	10	20	60
Purple Top Strap Leaf. Standard sort for early spring and fall use.....	3	8	15	45
Purple Top White Globe. A popular variety. Superior quality, either for table or stock. Heavy producer. Early, grows rapidly and keeps well	3	8	15	45
Early Snow Ball. Round, pure white; grows rapidly; very sweet and firm	5	10	20	60
White Egg. Oval, smooth, solid, sweet.....	3	8	15	45

	Large Pkt.	Oz.	¼lb.	Lb.
White Strap Leaf. An excellent early sort.....	5c	10c	20c	60c
White Norfolk. Late. One of the best table sorts; excellent also for stock feeding.....	3	8	15	45
White Globe. (Large.) Sweet, good keeper.....	5	10	15	45
Green Globe. Very large; white flesh, solid.....	5	10	20	60
Yellow Globe. Firm, sweet and handsome.....	3	8	15	50
Yellow Aberdeen. Very hardy; productive; good keeper.....	3	8	15	50
Scarlet Kashmir. A new and distinct variety; the outside skin is of a beautiful deep scarlet color; flesh white, very early and of the finest table quality.....	5	12	30	1.00

TOBACCO.

	Large Pkt.	Oz.	¼lb.	Lb.
Connecticut Seed Leaf. A largely cultivated sort in America.....	5c	15c	50c	\$1.75
Pennsylvania Seed Leaf. Widely known and used. Our seed is from the famous Lancaster county district.....	5	15	50	1.75
Havana. Genuine Cuban strain. From the celebrated plantations of the "Vuelto de Abajo".....	5	20	60	2.25
Conqueror. A vigorous growing variety of finest texture. Early and easily cured. Our stock is direct from Mr. Ragland, the originator.....	5	20	60	2.00
Sterling. The brightest of the yellow type, and being the earliest to ripen, is surest in localities liable to early frosts.....	5	15	50	1.75
Hester. Yellow type, makes fine cigar stock. It has size, shape, texture and color, and ripens early. It recommends itself greatly in this, that it has greater adaptability over a wider range of soils and latitude than any other of the yellow varieties, and may, on this score, be considered the surest.....	5	20	50	1.75
Sweet Oronoco. Used for first-class plug fillers, and makes, when sun cured, the best Natural Chewing Leaf. A favorite for the "Homespun" wherever known. Known as Little Oronoco in some localities.....	5	20	50	1.75

AMERICAN COFFEE BERRY.

(Soya Bean.)

Coffee (and very good Coffee, too,) for One Cent a Pound.

While nothing quite takes the place of good old Java or Mocha Coffee, the Coffee Berry, when used alone, makes a healthful, pleasant and economical beverage, with a strong coffee flavor, and quality superior, in our estimation to the many coffee substitutes now on the market. When blended and ground with good coffee, half and half, its presence can scarcely be detected. It is prepared just like coffee. The beans, which are about the size of the real coffee berry, are roasted, ground, and used either alone or mixed with coffee, as may be preferred. The plant, which takes from four to four and one-half months to mature, is about three feet in height. It fruits from the ground up, and on the limbs in every direction. The pods, of which there are from 150 to 250 on a plant, touch each other, so closely together do they grow. The pods contain on an average from two to three beans, of the shape and size shown in the illustration.

CULTURE. The rows should be planted three feet apart, one berry every ten inches apart in the row. Cultivated like corn or beans, and should be planted about the same time. **PRICE.** Large pkt., 10c; ¼lb., 25c; Lb., 75c; 5 lbs. @ 60c, by mail postpaid. Special prices in large quantities.



Our "STERLING" Lawn Grass Seed makes Perfect Lawns.

HERBS.

Utilize the corners for a few Pot and Sweet Herbs (for flavoring soups, meats, etc.) indispensable to every garden, while Medicinal Herbs will be found useful. Thrive nicely along sunny side of fence, in a deep, fairly rich soil.

	Pkt.	Oz.
ANISE, Used for cordials, garnishing and flavoring.....	5c	10c
BALM, Leaves used for making pleasant beverages.....	5	25
BASIL, Sweet. The leaves are used in flavoring soups, etc..	5	20
BORAGE, Leaves used for flavoring and flowers furnish bee pasture; most easily grown in any waste place.....	5	15
CARAWAY, Grown for seeds. Used for flavoring.....	5	10
CATNIP, or Catmint. Leaves and young shoots for seasoning	10	40
DILL, Seeds have an aromatic odor and pungent taste.....	5	10
FENNEL, Sweet, Ornamental; when boiled, use in fish sauce	5	10



	Pkt.	Oz.
CORIANDEr, Seeds used in the manufacture of liquors, in confectionery and culinary preparations.....	5	10
HOREHOUND, For seasoning and cough remedy.....	5	30
LAVERAND, An aromatic, medicinal herb.....	5	20
MARJORAM, Sweet. Leaves and shoots for seasoning.....	5	20
PENNYROYAL, Agreeable odor and flavor.....	10	75
SAGE, Most used herb for seasoning.....	5	15
SUMMER SAVORY, Used for flavoring soups.....	5	15
THYME, Leaves and young shoots used for seasoning; a tea is made of leaves, a remedy for headache.....	5	30

ARTICHOKE ROOTS.

The New Large Jerusalem Variety; producing from 400 to 1000 bushels per acre. An excellent food for cattle, sheep and horses. Fed to milk cows they are, for the production of milk, equal if not superior to bran. But their greatest value is for food for hogs. Even the labor of feeding is avoided, as the hogs will help themselves if allowed to do so. We consider them the cheapest and healthiest hog food possible to raise, and find that where brood sows have free access to Artichokes, they and their pigs invariably do well. There is no better food to build up large, healthy frames, with plenty of bone and muscle. Hogs will not only grow, but fatten on them.

On good land, with the same culture as corn, Artichokes will produce from 400 to 1000 bushels per acre. A. C. Williams, of Iowa, a very prominent breeder of Poland Chinas, says: "Forty head of hogs and pigs may be kept without other food on an acre of Artichokes from the time frost is out of the ground until they grow again, and from October 1st until the ground freezes again. They produce more hog food per acre than any other crop I am acquainted with, and the hogs will harvest the crop themselves. Artichokes also produce an immense quantity of tops, of which cattle, horses and mules are very fond, and which makes excellent food when properly cured. A chemical analysis of roots shows them to be superior to Carrots, Parsnips, Mangels, Sugar Beets and Turnips, both as flesh and as fat formers."

PLANTING, CULTURE, PRICE, ETC. Artichokes need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches; the second year, break up the ground as for corn; will come up thick all over the surface. Run through each way with a cultivator when a few inches high. Prices, 1 lb., 30c.; 4 lbs., \$1.00, by mail postpaid. By freight or express, 1/4 bu., 75c; 1 bu., \$2.00; barrel of 3 bu. for 1 acre, \$5.00.

ASPARAGUS ROOTS.

By far the most satisfactory way to obtain an Asparagus bed, is to set out the roots. We send out no roots that are less than two years old. They may be sent by express or freight, with the assurance that they will arrive in perfect condition for planting.

Asparagus Roots are sent only by Express at purchaser's expense. They are warranted to reach destination in good growing condition.

	Per 100	Per 1000
Palmetto Roots.....	75c	\$5.00
Conover's Colossal.....	60	5.00
Columbian Mammoth White.....	1.00	7.50

RHUBARB ROOTS.

	Each.	Doz.
Monarch.....By mail, postpaid	20c	\$2.00
Victoria.....	10	1.00
Linnaeus.....	10	1.00

Extra large clumps, each, 25c; dozen, \$2.00, will be sent by express only at purchaser's expense.

FRUIT SEEDS.

Apple Seeds, 45c. qt.	\$6.00 bu.
Cherry Pits, Mahaleb.....	60 lb.
Current, Red.....	10c pkt. 40 oz.
" White.....	10c pkt. 40 oz.
" Black.....	10c pkt. 40 oz.
Gooseberry, Red.....	20c pkt. 1.00 oz.
" Yellow.....	20c pkt. 1.00 oz.
" Green.....	20c pkt. 1.00 oz.
Peach Pits.....	35c qt. 1.50 bu.
Plum Pits, Myrobalan.....	75 lb.
German Prunes.....	60 lb.
Green Gage.....	65 lb.
Pear Seed.....	20c oz. 2.25 lb.
Quince Seed.....	20c oz. 2.25 lb.
Raspberry Seed.....	10c pkt. 60 oz.
Strawberry Seed.....	10c pkt. 75 oz.
Japanese Wineberry.....	10c pkt.

TREE SEED.

By mail, postpaid.

Write for Special Price on quantity.

Deciduous Trees, Hedge, and Flowering Shrubs.

	Per lb.		Per lb.
Box Elder.....	.35	Black Locust.....	.30
White Ash.....	.35	Honey Locust.....	.30
Cottonwood.....	1.00	Dogwood.....	1.25
European Beech.....	1.00	Paw Paw.....	1.20
Norway Maple.....	.90	Sassafras.....	2.00
Sycamore.....	.90	Wild Black Cherry.....	1.00
White Birch.....	1.25	Persimmon.....	.90
Weeping Birch.....	3.00	Barberry.....	1.40
European Elm.....	1.50	Lilac.....	2.00
Basswood.....	1.20	Buckthorn.....	2.25
Catalpa, Hardy.....	.70	Hawthorne.....	1.75
White Mulberry.....	2.00	Hackberry.....	1.00
Black Mulberry.....	3.00	Osage Orange.....	.50
Russian Mulberry.....	2.00	Black Walnuts, per bu.	1.25

EVERGREENS.

	Per lb.		Per lb.
American Arbor Vi- tae.....	2.50	White Spruce.....	6.00
Golden Arbor Vitae.....	4.50	Scotch Fir.....	2.00
European Larch.....	1.50	Australian Pine.....	2.00
Balsam Fir.....	2.50	White Pine.....	2.40
Hemlock Spruce.....	6.00	Silver Fir.....	1.50
Norway Spruce.....	1.25	Red Cedar.....	1.25
		Boxwood.....	3.25

NORTHERN FARM SEEDS CAREFULLY GROWN SELECTED FROM THE WORLD'S GOLDEN GRAIN BELT.



Mr. JAS. J. HILL, Prest. Great Northern R. R.

"It is well understood that the farther north either animal or vegetable life is developed, the better that development is."—JAS. J. HILL.—(Extract from an address.)

It has become a well established principle of agriculture that the **farther North seed can be grown and fully matured, the better they are.** While this truth applies with equal force to nearly every kind of seed, the North-west became so quickly famous for its **cereals**, as to cause farmers everywhere to turn here for their supplies in that direction. This tendency has become so well recognized amongst the trade that many seedsmen of the East and Middle West have almost dropped Field Seeds from their catalogues.

The whole drift of trade towards the **natural source of supply** has led us to devote unusual attention to the culture of **improved farm seeds**, the result being that we have become the **largest growers in the United States of fine seed grain**, etc.

All practical farmers agree that seed grown year after year under the same conditions of soil and climate **"runs out"** after a time, rendering a change of seed not only desirable but **necessary.** To such we offer **Northern Grown stocks of the best varieties, carefully selected, thoroughly re-cleaned, and at prices so reasonable** as to enable every farmer who wishes to get a new start in **seed oats, wheat, barley, corn, etc., to do so at a very small expense.**

Please note our liberal terms of sale, viz., if any seeds received from us are not satisfactory on receipt and examination, they are to be **returned at our expense and the money that has been paid for them will be refunded.**

SHAW'S SYSTEM OF PASTURING SHEEP.

Written for and published by us as Northrup, King & Co's PRIMER NO. 1.

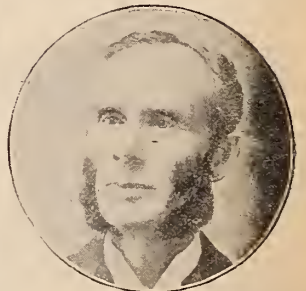
PRIMER NO. 1 is from the pen of Prof. Thos. Shaw of the University of Minnesota. It treats of the pasturing of sheep on foods sown for them, other than grasses. The grazing of sheep on grasses is as old as the world, but pasturing them chiefly on foods other than grasses is an entirely new system, hence the name given to the book. In this book Prof. Shaw gives his experience in growing these foods and in pasturing the sheep on them. He tells how **10 sheep and lambs were pastured on one acre through the summer season and for three successive years.** He shows how he pastured all the sheep on the Minnesota University Experiment Farm for two seasons successively on **ten acres of land.** In the one instance there were **86 sheep and lambs**, and in the other instance there were **93.** He shows how in each of those years more than **8 tons of Cured food and 6 tons of green food were received from the same land.** He speaks of the poverty of the soil and of its enrichment at the end of the three years pasturing conducted upon it, and he dwells upon the benefits of the system in promoting the health of the sheep and in destroying weeds.

The way in which the various foods were grown and pastured are described briefly and with much clearness. The information on this point alone is very valuable. It is also shown how the farmer can adapt the system to his own conditions, howsoever or wheresoever he may be situated.

Prof. Shaw claims that by this system of growing pasture, all the sheep at present in the United States could be grown on 10,000,000 acres of Northwestern land, that is to say, on less than the fifth part of the land surface of Minnesota. And they could be grown, he says, in much better form than as reared at present. There is so much that is good in the system that without any doubt it will in the near future **revolutionize the methods of growing sheep in all the arable sections in the United States.**

The experience, thought and labor of many years are condensed in this book. Applied it will mean **millions of dollars** to the farmers of this country.

A copy of this book will be sent **free** to those who send us an order for seeds amounting to 50c. or over and who ask us to send them **PRIMER NO. 1**, as a premium. Please note, that our **PRIMERS** are not for sale. Ten dollars would not buy a single copy. They are sent only to our customers.



THOMAS SHAW.

Prof. of Animal Husbandry, Minnesota State Experiment Station.



NEW STATE CAPITOL IN COURSE OF CONSTRUCTION.

J. H. ACKERMANN,
DEPUTY TREASURER.AUG. T. KOERNER,
STATE TREASURER.

St. Paul, Jan. 6th, 1894.

Northrup, King & Co.,
Minneapolis, Minn.

Gentlemen:

The Twenty-seven thousand pounds of Sugar Beet Seed which you imported last spring for the State of Minnesota, has proven in every way satisfactory.

I am glad, also, to express my appreciation of the excellent service rendered by you in distributing the seed.

Yours very truly,

State Treasurer.

THE SUGAR BEET.

There is good reason for the lively interest which now prevails in the United States over the question of manufacturing our own sugar; for of the vast amount of sugar now aggregating two millions of tons per annum, but little more than one sixth or about 300,000 tons are at present produced in the United States.

The foreign sugar used in this country is imported at a cost of over one hundred millions of dollars a year, a large part of which sum might well be retained in this country, should the attention of a small portion of the farmers located in the regions adapted to the cultivation of sugar beets, be given to the production of this valuable crop.

While the production of our own sugar is a subject which should interest every one anxious to keep at home the enormous amount of money annually sent abroad for the purchase of sugar, it is of special and almost vital importance to the American Farmer. It would not only open to him a new market for the production of a profitable crop, but the proper culture of the sugar beet, greatly increases the productiveness and enhances the value of his land. It is the history of sugar beet culture in France and other countries, that lands upon which sugar beets have been properly grown and cultivated, will yield double the amount of grain over those lands on which they have not been grown.

Every farmer should therefore give attention to this subject and try small areas of sugar beet, and at the proper time, send some of the roots to his nearest experiment station, which will be glad to analyze them without charge.

This may aid in the establishment of a factory in your locality, but if it does not, you will have made a good deal in ascertaining for yourself the great value of the sugar beet as a food for stock and it will be worth to you, many times the cost of the experiment.

From ten to twenty pounds of seed are required to the acre, depending upon the method of seeding. Full cultural directions will be sent, if asked for, to those purchasing sugar beet seed from us.

Klein Wanzlebener and Vilmorin's have thus far proven most successful for this country. Our stocks of these two celebrated sorts are known as "Elite" Strains, meaning choice; select. This Elite seed is grown only from roots, (each of which is analyzed) which show the highest percentage of sugar and co-efficient of purity.

The Elite strains are the only ones that should be planted by those wishing to grow high grade sugar beets. Vilmorin, Elite. This beet is the result of thirty-five years of methodic and persevering selection. In black soils, rich in organic matter it gives better results than any other variety. It is extremely rich in sugar, thousands of analyses showing that the percentage of sugar which can be obtained from this variety, is about sixteen. Its average yield may be stated as from 12 to 16 tons per acre. Pound 45c; postpaid. By express or freight, Lb. 35c; 5 lbs. 30c; 10 lbs. @ 25c; 100 lbs. @ 20c; bags included.

Klein Wanzlebener, Elite. This variety at the present time, has probably a wider cultivation than any other sugar beet. It may be distinguished from the Vilmorin by its brighter color and its lighter colored leaves, which are beautifully undulating, and scalloped about the edges. While not as a rule equal to the Vilmorin in saccharine richness, it is considerably more productive. Pound 45c; postpaid. By express or freight, Lb. 35c; 5 lbs. @ 30c; 10 lbs. @ 25c; 100 lbs. @ 20c; bags included.

SUGAR BEET FOR STOCK FEEDING.

We can furnish ordinary seed of Klein Wanzlebener, Vilmorin, Lane's Improved, Imperial and French white sugar at the following prices: Lb., 30c, postpaid. By express or freight, lb., 20c; 5 lbs. at 18c; 10 lbs. at 15c; 100 lbs. at 10c. Bags included. In ordering, state variety wanted.



Dr. C. J. Alloway.

The following statement from one of the most prominent authorities on Agriculture in the Northwest speaks volumes in showing the superior quality of our Swedish Turnips (Rutabagas) **MANGEL** and other **ROOT SEEDS**:

"For eight years I have used your seeds with the greatest success. I wish especially to commend your **MANGEL** and **RUTABAGA SEED** as the **BEST I EVER USED**. My experience in farming covers a period of over 20 years, during which time I have rarely cultivated less than **TEN TO TWENTY ACRES OF MANGEL WURZEL AND SWEDISH TURNIP**. As a stock breeder, I have always considered them my most important crops. I have bought seed from nearly every prominent house in the United States and Canada, and sometimes have imported it direct from England, but **NEVER HAVE I HAD THE UNIFORMLY GOOD RESULTS THAT YOUR SEED HAS GIVEN ME**. In North Dakota, where I had the largest herd of thoroughbred cattle, I **AVERAGED FROM TWENTY TO THIRTY TONS OF ROOTS TO THE ACRE**. Later, as manager of Mr. J. J. Hill's, stock farm at North Oaks, my tonnage was not quite as heavy, owing to the lighter character of the soil, but in **SHAPE, SIZE and UNIFORMITY** the roots have always been as nearly perfect as any man could wish."

Yours, etc., **C. J. ALLOWAY.**

NOTE.—We value very highly the above expression from Dr. Alloway, who was State Veterinarian for North Dakota for three years; for a long time President of the Fine Stock Growers' Association of North Dakota; Lecturer to State Agricultural College, at Brookings, S. D.; Director in Grand Forks County Agricultural Society, and one of the largest, most progressive and successful stock breeders in the U. S.



A Field of N. K. & Co's Prize Winner Rutabaga.

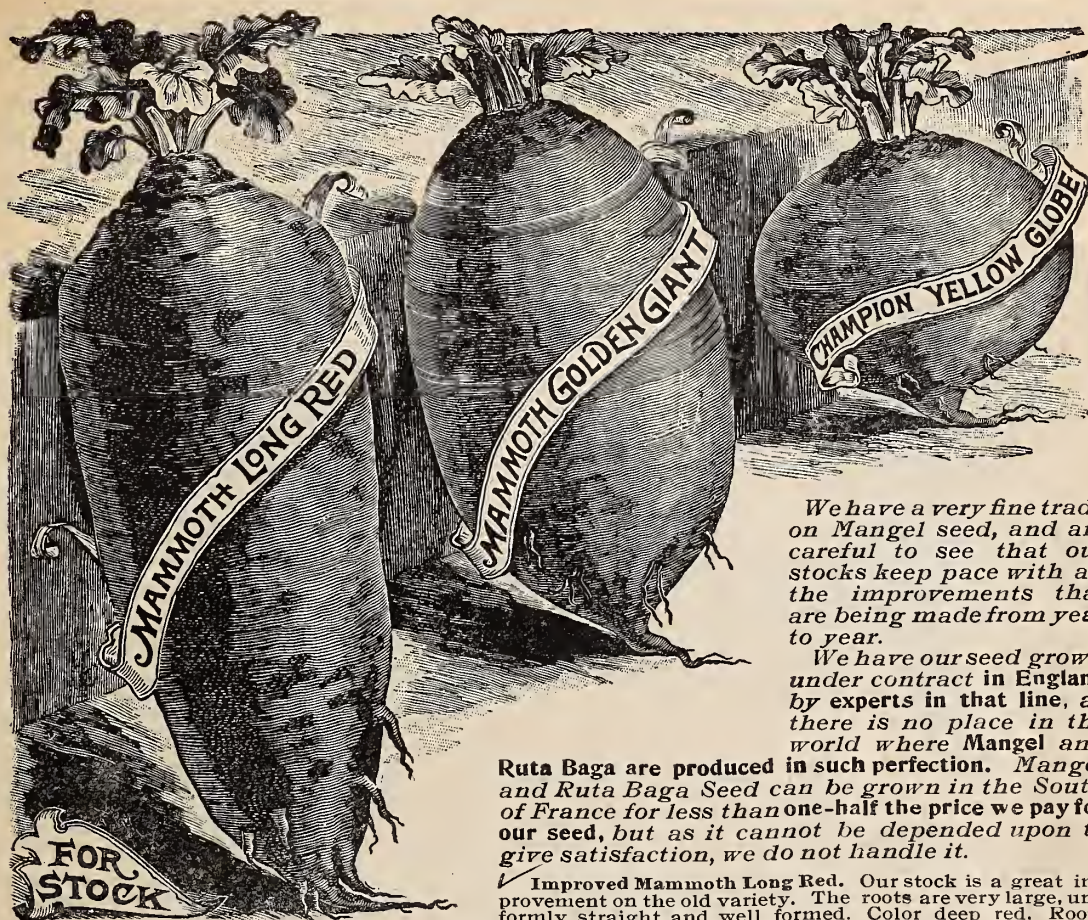
N. K. & Co's Prize Winner Rutabaga. Prize Winner is a purple-topped variety, growing to a large size, with a single taproot and very small and fine top, short neck, smooth and symmetrical; is a certain cropper. It produces a very heavy weight per acre, and keeps sound and good until late in the spring. From reports received from those who have grown it, we do not hesitate to say that we possess the Handsomest and Best Stock of purple-top Rutabagas in cultivation. We have sold many thousand pounds of this magnificent strain and have never received a single complaint about them. Large pkt. 5c; oz. 10c; ¼ lb. 15c; lb. 50c; postpaid. By freight, lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25.

Carter's Imperial Hardy Swede. A standard English variety which produces extraordinary crops. Large pkt. 5c; oz. 10c; ¼ lb. 15c; lb. 40c; postpaid. By freight, lb. 30c; 10 lbs. @ 25c.

Sweet German. One of the very best sorts on account of its productiveness and quality. This consideration should count strongly with stock growers, all of whom understand that the quality of the feed regulates the quality of the product. Large pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c; postpaid. By express or freight, lb. 40c; 5 lbs. \$1.75.

Hurst's Monarch Swede. We first saw this splendid variety in England, and were the first to bring it to the attention of the American trade. It is very distinct in type, being of tankard shape. On account of the size it attains, it will yield from two to seven tons more to the acre than any other variety. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c; postpaid. By express or freight, lb. 50c; 5 lbs. \$2.25; 10 lbs. \$4.00.

If interested in **Sheep try Thousand Headed Kale**. Page 39.



We have a very fine trade on Mangel seed, and are careful to see that our stocks keep pace with all the improvements that are being made from year to year.

We have our seed grown under contract in England by experts in that line, as there is no place in the world where Mangel and

Ruta Baga are produced in such perfection. Mangel and Ruta Baga Seed can be grown in the South of France for less than one-half the price we pay for our seed, but as it cannot be depended upon to give satisfaction, we do not handle it.

✓ Improved Mammoth Long Red. Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red. Roots solid. Tops small. Roots attain a large size. Produce an

immense bulk and tonnage. Oz., 5c; ¼ lb., 15c; Lb., 40c postpaid. By express or freight, Lb., 30c; 5 lbs. @ 25c lb.

✓ Mammoth Golden Giant Mangel. Very Large. Remarkably even in shape, of vigorous growth; has a fine neck and a very smooth skin. Flesh white, firm and sweet, much liked by cattle. Easily lifted from the ground, producing enormous crops. Excellent keeper, yields 40 to 60 tons per acre. Oz., 5c; ¼ lb., 15c; lb., 45c; postpaid. By freight, lb., 35c; 5 lbs. @ 30c per lb.

✓ Red Globe Mangel. Similar to the Yellow Globe in general character, and, like it, well adapted to shallow soils. Oz., 10c; ¼ lb., 15c; lb., 40c. By freight, lb., 30c; 5 lbs. @ 25c.

✓ Champion Yellow Globe Mangel. A favorite variety, very productive, easily pulled and a good keeper. It is spherical in shape, orange-yellow color, top tinged with green; flesh of the root white, firm and sugary. One of the best for light soils. Oz., 10c; ¼ lb., 15c; lb., 40c, postpaid. By freight, lb., 30c; 5 lbs. @ 25c per lb.

✓ Taber's Gate Post Mangel. This is the production of one of the largest mangel specialists of England. It is thought by many to be the most profitable of all mangels, and is exceedingly popular in those sections where it is best known. It resembles somewhat the Golden Tankard in appearance, but is not so large; skin is yellow and smooth; flesh white and very firm. Oz., 5c; ¼ lb., 15c; lb., 45c, postpaid. By express or freight, lb., 35c; 5 lbs. @ 30c.

✓ Improved Golden Tankard. We have for years insisted that this was the best mangel grown, and each season strengthens us in the position we took when it was a comparatively unknown sort. We recommend it unqualifiedly as the best mangel by far for dairy farmers. It combines apparently all the fine points possible to condense into a mangel. The illustration (engraved from a photograph) shows the shape. The color is a deep rich yellow. The flesh is yellow and white in rings beautifully alternating with each other. On account of its shape enormous crops are grown, and it is easily lifted from the ground. Oz., 5c; ¼ lb., 15c; lb., 40c, postpaid. By express or freight, lb., 30c; 5 lbs. @ 25c.

I have lived here eight years and never saw such a miserable, backward spring as the last one, but I can cheerfully write you that I have an A Number 1 garden. Every seed grew, and I have the finest vegetables in this locality, both as to quality and quantity. (Signed) S. M. WARMAN, Sandstone, Minn.

'The Kentucky Wonder Melon was a complete surprise. From one ounce of seed have picked half a wagon load, some of which weighed 40 lbs., and more yet on the vine. It beats anything I ever saw. (Signed) E. E. BALDWIN, Ada, Kansas.

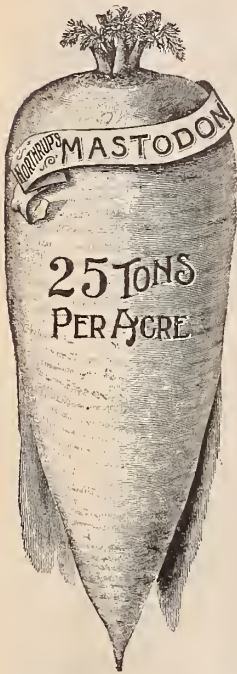
The seeds you sent us did finely. The Tuberoses are in bud. Your Early Minnesota Tomatoes are the finest I ever ate, and they ripen so early. (Miss) LILLY TUCKER, Bangor, Me.

The seeds I ordered of you last spring have proven to be first-class in every particular. (Signed) NIELS R. THAGE, Livingston, Mont.

We believe our DWARF ESSEX Rape to be the BEST OBTAINABLE.



CARROTS FOR STOCK.



IMPORTANT.—Owing to the large size which these Carrots attain less seed is required to the acre than of other sorts—2 lbs. per acre being sufficient.

trical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but especially adapted for strong or rich land. It grows fully half as much weight again per acre as the ordinary varieties, and as the roots grow more above the ground, it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. Large Pkt. 10 cts; $\frac{1}{4}$ lb. 30 cts; $\frac{1}{2}$ lb. 50 cts; 1 lb. 90 cts; 5 lbs. \$3.75, by mail, postpaid.

N. K. & Co's **VICTORIA** Carrot. This is the largest and unquestionably the heaviest cropping and most nutritious Yellow variety in cultivation. It is the largest and best form of Orange or Yellow Carrot known. The roots are remarkably fine, very symmetrical, and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but especially adapted for strong or rich land. It grows fully half as much weight again per acre as the ordinary varieties, and as the roots grow more above the ground, it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. Large Pkt. 10 cts; $\frac{1}{4}$ lb. 30 cts; $\frac{1}{2}$ lb. 50 cts; 1 lb. 90 cts; 5 lbs. \$3.75, by mail, postpaid.

White Belgian. Grows long; green top, well out of the ground. Large Pkt., 5 cts; $\frac{1}{4}$ lb. 20 cts; $\frac{1}{2}$ lb. 30 cts; 1 lb., 50 cts; 5 lb. \$2.00, by mail, postpaid.

Yellow Belgian. Similar to the white, but yellow in color. Large Pkt., 5 cts; $\frac{1}{4}$ lb. 20 cts; $\frac{1}{2}$ lb. 30 cts; 1 lb. 50 cts; 5 lbs. \$2.00, by mail, postpaid.

"THE FINEST CARROTS I EVER SAW."—JACOB GINTZ, Huntington, Ind., writes: "Your Mastodon are the finest I ever saw. I had several weighing 3 $\frac{1}{2}$ lbs.

"SIMPLY GRAND."—"Your Mastodon carrots are simply grand as are also the Victoria. Drawf Essex Rape is extra good and also your Early Minnesota sugar cane. I am well pleased with your seeds."—GEORGE ALLEN, Allerton, Ill.

"FIRST PRIZE IN NORWAY."—"My cousin in Norway, to whom I sent some Carrot Seed from your house, writes me that he took first prize at their fair with the Victoria Carrot, and that they attracted great attention on account of their size and solidity."—NILS MICHELET.

"KNOWS NOW WHERE TO GET HIS SEED."—"Your Mastodon carrots beat anything I ever saw in the carrot line. I sent to—for some of the Mastodon last year but did not get the right kind. I ordered some for my neighbors at the same time and they were very much put out at me."—JOTHAM ALLEN, Ithaca, Mich.

"YIELDED DOUBLE THE CROP OF ANY OTHER VARIETY."—MR. H. E. BUTTERS, East Exeter, Me., writes: "Last Spring you sent me $\frac{1}{4}$ lb. of your White Mastodon Carrot. I gave them ordinary field culture and planted them side by side with White Vosges, Long Orange, and Oxheart. The Mastodon yielded at least double the crop of any other variety. Most of them grew a foot long or more, and measured 3 $\frac{1}{2}$ to 4 inches in diameter, and weighed 2 $\frac{1}{2}$ lbs. or more. They are far ahead of any Carrot I have ever tried, unless it be the Victoria. I took first premium on a bushel of them at our County Fair. Every one says they are the finest Carrot ever seen here. They pull without a fork, and come up clean and handsome. Your other seeds have always given good satisfaction."

Northrup, King & Co.

No one who feeds stock can afford to be without Carrots. I feed each year Mangel Wurzel, and Ruta Baga, and regard them very highly; but Carrots I consider indispensable. I increase my acreage of Carrots each year, and believe I secure better proportionate results from their use than from anything else I feed.

As to varieties, nothing can be better in point of quality and great productiveness, than your VICTORIA (yellow), and MASTODON (white). I use them both, and have never yet seen them equalled.

In this connection I am glad to express the unqualified satisfaction your seeds have given me in the many years I have traded with you.

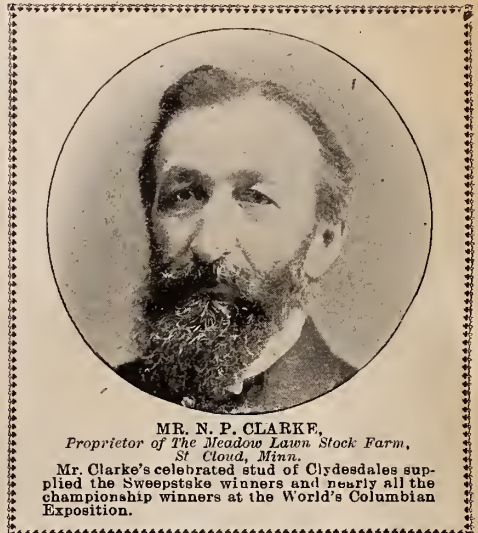
Very truly yours,
N. P. CLARKE.

SPECIAL OFFER.

In order that our customers may test the comparative merits of these two grand Carrots, we will send to any address, postpaid, to any part of the United States, one pound each of the MASTODON and VICTORIA Carrots for \$1.50. Eight cents per pound can be deducted if sent by express or freight at purchaser's expense.

N. K. & Co's **MASTODON** Carrot. This is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp, solid and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts which have been such favorites in the past, as it is not only much more productive but vastly easier to handle. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, also, is that they do not easily break in pulling or storing. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 18 to 25 tons to the acre is not an extravagant statement as to the yield. Large Pkt. 10 cts; $\frac{1}{4}$ lb. 30 cts; $\frac{1}{2}$ lb. 50 cts; 1 lb. 90 cts; 5 lbs. \$3.75, by mail, postpaid.

N. K. & Co's **VICTORIA** Carrot. This is the largest and unquestionably the heaviest cropping and most nutritious Yellow variety in cultivation. It is the largest and best form of Orange or Yellow Carrot known. The roots are remarkably fine, very symmetrical, and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but especially adapted for strong or rich land. It grows fully half as much weight again per acre as the ordinary varieties, and as the roots grow more above the ground, it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. Large Pkt. 10 cts; $\frac{1}{4}$ lb. 30 cts; $\frac{1}{2}$ lb. 50 cts; 1 lb. 90 cts; 5 lbs. \$3.75, by mail, postpaid.



MR. N. P. CLARKE,
Proprietor of The Meadow Lawn Stock Farm,
St. Cloud, Minn.

Mr. Clarke's celebrated stud of Clydesdales supplied the Sweepstake winners and nearly all the championship winners at the World's Columbian Exposition.

It seems no exaggeration to say that we could fill a book as large as this Catalogue with the written and spoken praises that our customers have lavished upon Mastodon and Victoria Carrots. We have yet to learn of a single instance in which they have failed to give the fullest satisfaction. Wherever they are shown at Fairs, they invariably capture the prizes.

NORTHRUP, KING & CO'S SEED OATS.—Heavy, Vigorous, Productive.

NORTHRUP, KING & CO'S LINCOLN OAT. An Agricultural Wonder. Its record has never been equalled. The LINCOLN OAT has an established, undoubted and fully verified yield of 817 bushels and 21 pounds from 7 bushels of Seed.

Obtain your seed direct from the introducers, and secure genuine stock.

Do not neglect the opportunity to secure the seed of this magnificent, unequalled Oat, at the present low price.



HARVESTING LINCOLN OATS.

We believe the Lincoln Oat to be the best ever introduced. The claims we made for earliness, freedom from rust and enormous yielding qualities when first sending it out, have been fully sustained on every point and from all sections. Hundreds of customers have written us that on account of its stiff straw, it stood up perfectly under weather that caused all other varieties to lodge. It is the best and most economical Oat for feeding, on account of its thin hull, heavy meat and soft nib. Price of Lincoln Oats: Per bu. of 32 lbs., 70 cts; 2 bush., \$1.25; 10 bush., \$5.50; 20 bush., \$10.00; 100 bush., \$45.00. Sacks included. Delivered to R. R. Minneapolis.

Why plant unknown varieties or run out stock, when you can get true stock of Lincoln Oats at these low prices.

N. K. & CO'S BLACK BEAUTY.

We imported from W. H. Mold, the celebrated English Oat specialist of England, (whose American agents we are,) a few bushels of a very select and high priced variety of black oats which we have named N. K. & Co's Black Beauty.

While few black oats are grown in the United States, they take the preference in most European countries, and it is safe to say that in England, two bushels of black oats are grown to one of white.

There, black oats are preferred to white, principally on account of their superior yielding qualities, but beside being fully equal to white oats in point of feeding properties, they possess another very valuable characteristic, in the unequalled stiffness and strength of straw. Nothing less than a tornado or a cyclone will lodge them. Mr. J. W. Nesbit, who grew these oats for us, on his farm in Hennepin County, Minnesota, says:

"All of my other oats lodged more or less, but these black oats stood up perfectly; the straw was as stiff as hazel brush. We took off from our three-acre field seven large loads of bundles, about three times as much as any white oats we had."

Our stock of the Black Beauty is too limited to offer in quantity and as we desire to retain control for the present, we this year offer it by the pound only. 50 cts. per lb. 3 lbs. for \$1.00, by mail postpaid. No larger quantity than three pounds will this year be sent to any purchaser. We think it may be worth fifty cents to you to find out if this is not an oat you ought to have.

NEW ZEALAND RUST PROOF.

This variety was introduced into this country by means of a small package sent some years ago by a traveler in New Zealand to a friend in Iowa. It is a white side oat with medium sized grain, heads are extra long, heavy and full, averaging about 100 grains each, grows taller than ordinary and is medium early, though several days later than the early round head varieties. Its great hardiness and the strength and

stiffness of its straw is remarkable. It stools out extra well and requires less seed per acre than most kinds. It does not rust and unlike all other varieties of side oats has never been known to lodge and instead of having a tendency to deteriorate it seems to improve each year as it becomes more acclimated. Lb., 20 cts. by mail post paid; by express or freight: peck, 30 cts.; bush., 80 cts.; 2 bush., \$1.50; 10 bush., \$6.00; 50 bush., \$25.00. Bags included.

WHITE RUSSIAN (Improved).

The original stock of White Russian Oats was really a capital Oat, and sprung immediately into great favor. Of late years it has become badly mixed and deteriorated, through not being properly grown. Largely through the efforts of a customer of ours in Dakota, we are able to offer the White Russian in its old time purity. It is a well established fact that the true White Russian is as nearly rust proof as any Oat can well be, and we are confident that many will hail its re-introduction with satisfaction. Lb., 17 cts., by mail, postpaid. By express or freight: peck, 25 cts.; bush., 75 cts.; 2 bush., \$1.40; 10 bush., \$5.50; 20 bush., \$10.00. Bags included.

EARLY ARCHANGEL.

The original stock of this Oat was obtained from Archangel, a hamlet in the north of Russia, and since its introduction to this country has been grown with great success. It has proven itself to be absolutely the earliest oat yet introduced; it is a heavy yielder, does well on light soil, and is a most satisfactory Oat in all respects. Its principal attraction is its extra earliness; and by this quality it escapes many of the ills which Oats are heir to. The straw is stiff, well glazed and erect. The grain itself is plump, heavy, exceedingly white, and of excellent feeding quality. The seed we offer is of our own growth from the original stock. Lb., 17 cts., by mail, postpaid; By express or freight: peck, 30 cts.; bush., 90 cts.; 2 bush., \$1.75; 10 bush., \$7.50. Bags included.

NORTHROP, KING & CO.'S WHITE HULLESS BARLEY.

ITS VALUABLE PROPERTIES.



Engraved from a Photograph, Showing Seed and Head.

It is HULLESS.

It is BEARDLESS.

It is EARLY.

It WEIGHS over 60 POUNDS TO THE MEASURED BUSHEL.

It YIELDS WELL on POOR LAND.

It YIELDS ENORMOUSLY on GOOD LAND.

It makes BETTER PORK than CORN.

It makes EXCELLENT FLOUR.

The Straw makes GOOD HAY.

It is OF INESTIMABLE VALUE to EVERY ONE WHO FEEDS STOCK.

The following letter from Mr. D. C. Carpenter will describe this valuable Barley and the uses to which it may be put, while at the same time giving the actual experience of one who has grown it largely:

NORTHROP, KING & CO.,

Gentlemen: You ask me what I think of the WHITE HULLESS BARLEY. I have grown 60 bushels to the acre, and it is the best grain to sow for hay that grows. Sow early and you can cut two crops from the same sowing.

As fattening feed for hogs it has no equal, It makes sweeter MEAT and nicer lard by far than corn. I fattened 20 hogs for one butcher here with it, and made a gain of 106 lbs. to the hog in five weeks. The butcher said that he never handled such fine pork before.

I have tried feeding it in all ways, and I find the best way is to grind it and feed dry, with clear cold water in another trough for them to drink out of. It grows very quickly and on any kind of soil. You can sow it after all other grain is sowed, and harvest it then before wheat and oats are ready. I have sown it as late as the 18th of June and made a good grain crop. Stock will eat the straw in preference to "slough" hay. The straw is small, with very heavy leaves. It stools wonderfully. Once used for hay for work horses, you wouldn't have any other.

For Flour it discounts Buckwheat. We use it all the time for hot cakes.
Yours truly. D. C. CARPENTER.

For Grain sow 1 bushel to the acre. For Hay 1½ bushels. Price, Lb., postpaid, 25c; peck, 50c; bu., \$1.75; 2 bu., \$3.00; 10 bu., \$12.50. Bags included.

N., K. & Co.'s Highland Chief Barley. This is a two rowed, very productive, vigorous grower, less likely to be damaged by wet than most other kinds. It usually weighs quite 50 lbs. to the measured bushel and is the largest berried and handsomest barley grown. Price, Lb., 25c., postpaid; by express or freight, peck, 50c; bu., \$1.75; 2 bu., \$2.50; 10 bu., \$10.00.

New Beardless Barley. All barley growers have experienced the annoyance occasioned by the chafing and sticking of the beards while threshing. This nuisance has been overcome in the New Beardless Barley, which is entirely free from beards. This barley is six rowed, the straw grows to a good height, is stiff and strong, and does not readily lodge. The heads resemble smooth wheat, with the exception of a small duck bill on the point of each grain. This comes off readily in threshing, leaving the threshed grain looking like any other white barley. Price, Lb., 20c., postpaid; by express or freight, peck, 50c; bu., \$1.50; 2 bu., \$2.50; 10 bu., \$10.00. Bags included.

Manshury Barley. This is the best six-rowed barley we ever grew or ever saw. Lb., 20c; 3 lbs., 50c., postpaid; by freight or express, peck, 40c; bu., \$1.00; 2 bu., \$1.50. Bags included.

Black Hulless Barley. We have sold a good deal of this barley during the last 15 years, and it has given most excellent satisfaction as a feeding barley. We strongly recommend the White Hulless in its place, but as many will be reluctant to believe that anything can be better than the Black Hulless, we still offer it. Lb., 20c post-paid; peck, 40c; bu., \$1.25; 2 bu., \$2.00; 10 bu., \$8.50. Bags included.



MR. D. C. CARPENTER.



From a Photograph showing Stooling Propensities of Spring Fife Wheat.

SPRING WHEAT.

PRICES. We are obliged to ask a considerable advance over the market price, for our high grade seed wheat, as there is a very much larger cost attached to its production and preparation than any one who has not had the experience could possibly appreciate. Space does not permit of going into details, but as a matter of fact, the prices below named for the larger quantities, represent but a slight advance over the actual cash outlay to us.

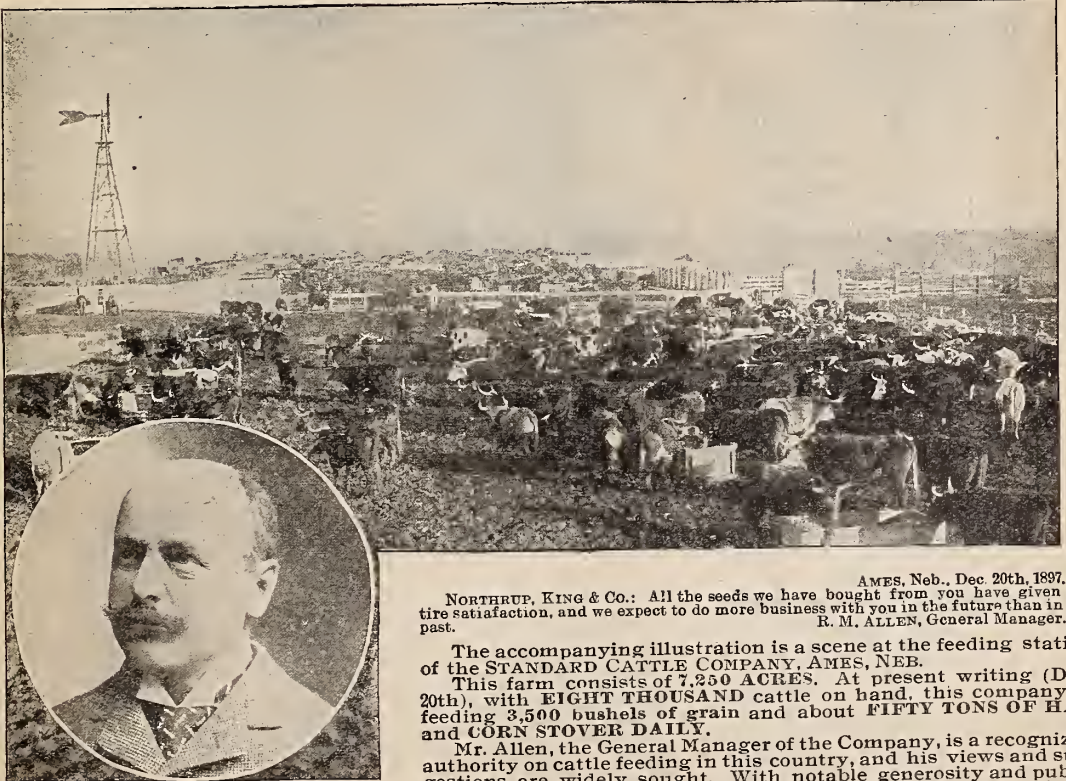
We believe that farmers who want to change their seed will find it very much to their advantage to secure enough at least to give them a start.

To those who do not care for the pedigree, or highly improved stock, but want simply good, healthy, sound and reasonably clean wheat, we would state that, Minneapolis being the largest wheat receiving city in the United States, we are in position at all times to select from the hundreds of cars which are daily arriving, excellent lots of either Fife or Blue Stem, and which we will sell either in car or less than car lots, at a slight advance over the prevailing market price. Will be glad to send samples and prices upon application.

Pillsbury Fife Spring Wheat. We consider this to be the best and purest stock of Fife wheat obtainable. Great pains has been taken in its selection. Our stock grades No. 1 Hard and is perfectly sound and healthy. Lb., 20c, postpaid. By express or freight, peck, 60c; bu., \$1.75; 2 bu., \$3.25; 10 bu., \$15.00; 50 bu., \$70.00.

Saskatchewan Fife Spring Wheat. Noted for its great productiveness, earliness, vigor and freedom from smut and disease. This wheat has become so well known as to render extended description of it unnecessary. We first brought it to the attention of the trade in 1884, and it has well sustained the claims then made for it, as the earliest and healthiest Spring Wheat. Lb., 20c, postpaid. By express or freight, peck, 50c; bu., \$1.60; 2 bu., \$3.00; 10 bu., \$14.00; 50 bu., \$65.00., bags included.

Velvet Chaff Blue Stem Spring Wheat. A distinct variety from all other spring wheats. The stem, just below the head, when green, has a beautiful blue bloom on it, similar to the bloom on a grape, and which can be removed by passing the finger over the stem. This bloom disappears as the wheat ripens, and the stem and straw assume a beautiful golden yellow hue, and entirely free from rust. Earlier than the Scotch Fife. The kernel is of the hard variety, similar to Scotch Fife, more productive, one of the best spring wheats for milling. Lb., 20c, postpaid. By express or freight, peck, 50c; bu., \$1.60; 2 bu., \$3.00; 10 bu., \$14.00; 50 bu., \$65.00., bags included.



MR. R. M. ALLEN.

General Manager Standard Cattle Co., Ames, Neb.

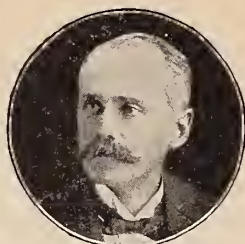
AMES, Neb., Dec. 20th, 1897.
NORTHROP, KING & Co.: All the seeds we have bought from you have given entire satisfaction, and we expect to do more business with you in the future than in the past.
R. M. ALLEN, General Manager.

The accompanying illustration is a scene at the feeding station of the STANDARD CATTLE COMPANY, AMES, NEB.

This farm consists of 7,250 ACRES. At present writing (Dec, 20th), with EIGHT THOUSAND cattle on hand, this company is feeding 3,500 bushels of grain and about FIFTY TONS OF HAY and CORN STOVER DAILY.

Mr. Allen, the General Manager of the Company, is a recognized authority on cattle feeding in this country, and his views and suggestions are widely sought. With notable generosity and public spirit Mr. Allen places at the disposal of inquirers the valuable results obtained from his large experience and numerous experiments. Mr. Allen is also deeply interested in Sugar Beet Culture. He is President of the American Sugar Growers' Society and President of the Nebraska Beet Sugar Association.

Mr. Allen has grown as high as 560 acres of SUGAR BEET in a single year.



Mr. C. W. Sutton, Hillsboro, N. D.
Hillsboro, N. D.,
Dec. 10, 1897.

NORTHROP, KING & CO.,
Minneapolis, Minn.

GENTLEMEN:—After purchasing seeds of you for more than ten years, and finding them always of the best quality, I wish you to know that I recognize and appreciate the great advantages that I have reaped in being able to obtain such reliable seeds. I wish particularly to make mention of the Mercer Corn, that I first obtained from you about eight years ago, and have raised ever since, greatly to my advantage and satisfaction. Always testing my own corn before planting, I have sometimes found that only a small percentage of it would grow. When I have sent to you for seed, that in every instance has proven to be reliable. I should like to know your secret in being able to always furnish seeds that will grow.



There is no man owning buildings but who sleeps more soundly at night from knowing that they are **INSURED**. Farmers who plant our **TESTED MINNESOTA GROWN SEED CORN** are, to a great extent, **INSURED**.

Those are anxious days for the farmer when, with a good crop in sight, he is wondering whether early frosts are not going to catch his corn. Five to ten days in the latter part of the season are very often **CRITICAL DAYS**.

This anxiety and risk can be greatly lessened by planting our **MINNESOTA GROWN SEED A VAST AMOUNT OF MONEY** would be saved to the country each year if farmers would plant seed grown as **FAR NORTH AS POSSIBLE**.

As the Originators or Introducers of nearly all the Standard Early Varieties of Seed Corn in use to-day, we consider that we may justly claim to be **HEAD-QUARTERS** for Northern Grown Seed Corn, that is **NORTHERN GROWN**.

Yours truly, C. W. SUTTON.

"The **INHERITED QUALITY OF CORN** to **YIELD HEAVILY** or **POORLY**, all comes in the **TEN POUNDS MORE OR LESS OF SEED PLANTED**."

W. M. HAYS.

Does it pay to plant mixed, run out Corn from crib when an investment of a few cents an acre will secure selected vigorous stock of your favorite variety?

It will be noticed that we list not only early varieties, but all the best late sorts, like the Leaming, Champion Pearl, etc., etc.; these sorts having been grown as far north as they will ripen thoroughly. We wish to impress on farmers living in Illinois, Nebraska, etc., that by planting our Seed, of **LATE** sorts, they will be able to secure their crops earlier than could possibly be the case with seed grown farther south.



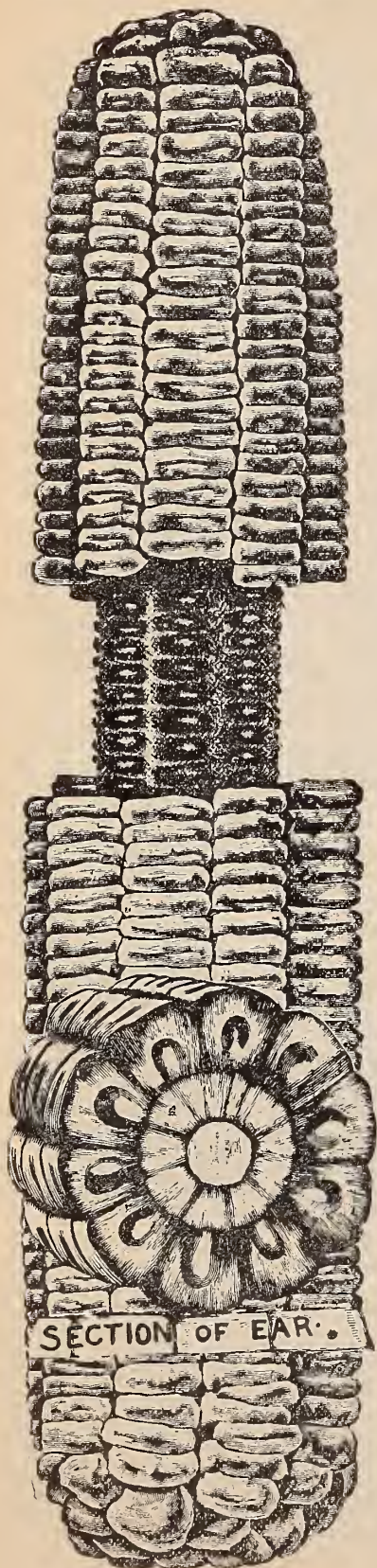
Prof. W. M. Hays.

A RECOMMENDATION. OUR CORN IS TESTED.

We do not, however, feel like losing an opportunity of strongly urging our customers, **WHEREVER** they may purchase their seed, to **TEST IT BEFORE PLANTING**. It is but little trouble to try a few seeds in earth, and in this way the responsibility can be placed where it belongs.

N. K. & CO'S MINNESOTA KING CORN. (Yellow Half Dent.) We regard this corn (introduced by us in 1889) as the most valuable early Corn ever sent out. There are varieties that under exceptionally favorable circumstances will yield as much, but year in and year out, through fat years and lean years, there is, we believe, no sort that will do as well. It seems to possess a faculty of growing right along and making a crop during weather and under conditions that would ruin other varieties. We do not know of any good reason why this should be so, but not only is this our own experience, but we have received like testimony from hundreds to whom we have sold it: the universal expression being that for ability to endure extremes of heat and cold, flood and drought it has no equal. In appearance the Minnesota King is remarkably distinct, being a half yellow dent, the kernels are very broad and of an extremely rich golden color. The ear is of good size, eight rowed, cob small. Large pkt., 10 cts.; lb., 25 cts.; 3 lbs., 60 cts.; postpaid. By express or freight, peck, 50 cts.; bushel, \$1.75; 2 bushels, \$3.00; 10 bushels, \$12.50; bags included.

NOTE.—This corn was introduced by us several years ago, and although each season we have anticipated the large sale which it has met by what we considered liberal provisions, we have never as yet been able to supply the demand, having returned money yearly to late purchasers.



"A NORTH DAKOTA EXPERIENCE."

DURBIN, NORTH DAKOTA, Aug. 2d., 1897.

NORTHROP, KING & CO., Minneapolis, Minn.

Gentlemen;—In reply to yours July 29th., as to the satisfaction given by seeds bought of you last spring, I take great pleasure in reporting **ENTIRE SATISFACTION**.

Of the 60 bushels of seed corn, mostly Minnesota King, bought of you for, and planted by myself and neighbors, I **HAVE NOT HEARD A SINGLE COMPLAINT**. This corn was ordered in several different lots at different times, I have talked with those who planted the greater part of it and all report **ENTIRE SATISFACTION**. The cold, wet, and frosty planting season of 1897, will long be remembered by corn planters, owing to the great and unusual trouble with seed corn throughout the Northwest, and **YET YOUR SEED STOOD THE TEST** here in the cold Red River Valley of the north, and when that is said nothing further need be said in its favor.

The 4 qts. each of 4 varieties of garden peas were very fine. Could not be more perfect in every way. I was equally well pleased with all of the other garden seeds received from you.

Yours truly,

L. W. SCOTT.

Squaw. Extremely early and of very dwarf habit. We still grow this corn for those who want it, but we urge the planting of our North Dakota White Flint or North Dakota Yellow Flint in its place, as both of these varieties are fully as early, more productive and make a much more vigorous growth. Large pkt. 10c; Lb. 20c, postpaid; Peck 50c; Bu. \$1.50; 2 Bu. \$2.50; 10 Bu. \$11.00. Bags included.

North Dakota White Flint. Resulting from a careful selection of the Squaw corn for many years. Very much better than the Squaw. Large pkt. 10c; Lb. 20c, postpaid; Peck 50c; Bu. \$1.50; 2 Bu. \$2.50; 10 Bu. \$11.00.

North Dakota Yellow Flint. (Gehu.) Resembles closely the White Flint in earliness, habit of growth &c., but the grain is yellow. Large pkt. 10c; Lb. 20c, postpaid; Peck 50c; Bu. \$1.50; 2 Bu. \$2.50; 10 Bu. \$11.00; bags included.

N. K. & Co's Mercer. (Yellow Flint.) Early, prolific, good size ear and small cob. Has been grown in Northern Minnesota and North Dakota for the past six years with great success and complete satisfaction. Very prolific;

having yielded 164 bushels of good, sound ears to the acre; ears average from 9 to 11 in. in length, 12 to 14 rowed, well filled out to the tips; a rich golden yellow color; has matured in 75 days from time of planting. Many stalks have two and some three good ears. Stalks average about 6 feet in height, and make excellent fodder. Very few suckers. Large pkt. 10c; Lb. 20c, postpaid. By express or freight, peck, 50c; bushel \$1.35; 2 bushels \$2.50; 10 bushel \$11.00; bags included.

Longfellow. (Yellow Flint.) A very early eight rowed corn of the Canada type; ears cylindrical, about 9 in. long; color, rich, glossy. The weight of seed corn is fully 60 lbs. Large pkt. 10c; Lb. 20c, postpaid. By express or freight, peck, 50c; bushel \$1.25; 2 bushels \$2.25; 10 bushels \$10.00; bags included.

N. K. & Co's Minnesota White Flint. Early. An eight to ten-rowed white flint corn; long, well shaped ears; small cob. Stalks bear from 2 to 3 ears, small kernels, hard and compactly placed on cob. Large pkt. 10c; Lb. 20c, postpaid. By express or freight, peck, 40c; bushel, \$1.50; 2 bushel \$2.75; 10 bushel \$12.50; bags included.

King Philip. (Red Flint.) An old time New England favorite. Very early. Ears about 10 inches in length. Hardy and productive. Large pkt. 10c; Lb. 20c, postpaid. Peck 50c; bushel \$1.50; 2 bushel \$2.75; 10 bushel \$11.00; bags included.

N. K. & Co's Triumph. (Yellow Flint.) A selection from the Mercer. Ears considerably longer. Stalk larger and more leafy. We believe the habit of this corn to be now fully fixed, and we confidently offer it as an improvement over the Mercer. Our stock is limited, and it is offered this year in a small way only for trial. Large pkt. 10c; Lb. 30c; postpaid. Peck \$1.00; bushel \$3.00; 2 bushel \$5.00; bags included.

N. K. & Co's Dakota Dent. (Earliest full Yellow Dent.) Thousands of bushels sold since introduced. It grows 6 to 8 feet in height; cob small, well filled out to the end with long, deep grains. Large pkt. 10c; Lb. 20c; postpaid. By express or freight, peck 50c; bushel \$1.25c; 2 bushel \$2.25; 10 bushel \$10.00; bags free.

Rustler. Early White Dent. Obtained from a few kernels sent us in the autumn of 1884 by a Dakota farmer, who stated that he had matured it in that state for 7 successive years; that it was the only corn in his section which could show such a record. For early ripening, great yield, compact growth of ears it is one of the best; admirably adapted to a Northern climate. Those wishing a first-class White Dent corn will find in the Rustler a hard corn to match. Large pkt. 10c; Lb. 20c; postpaid. By express or freight peck 50c; bushel \$1.50; 2 bushel \$2.75; 10 bushel \$12.00; bags included.

Pride of the North. Early Yellow Dent. We consider our Dakota Dent a marked improvement over Pride of the North for earliness and as a better yielder. Those wishing the Pride of the North, however, will find our stock especially desirable. Large pkt. 10c; Lb. 20c; postpaid. By express or freight, peck 40c;

bushel \$1.25; 2 bushel \$2.00; 10 bushel \$9.00; bags included.

Huron. Early Yellow Dent. Fine strain of early corn. Grain deep golden yellow, and large, while cob is very small. 70 lbs. of ears have made 64½ lbs. of shelled corn, leaving only 6½ lbs. of cobs. Large pkt. 10c; Lb. 20c; postpaid. By express or freight, peck, 50c; bushel \$1.40; 2 bushel \$2.50; 10 bushel \$10.00; bags included.

Smut Nose Flint. A yellow flint corn blazed with red at end of ear. Ears are large and round. This is a very early variety, and a great favorite in many localities. Our stock is very fine. Large pkt. 10c; Lb. 20c; postpaid. Peck 50c; bushel \$1.75; 2 bushel \$3.00; 10 bushel \$12.50; bags included.

University Number Thirteen. Prof. Hays, the widely known agriculturist of the Minnesota State Experiment Station has for some years past, been conducting a series of experiments with many kinds of corn, having particularly in view, the selection of an early variety that would give larger yields than any at present known. University Number Thirteen was the variety finally selected for dissemination. Prof. Hays does not claim any fancy qualities for University Number Thirteen. In fact, he states that it has not been selected rigidly to a type, in appearance, as that would have interfered somewhat with the selection for large yields and profits. The experience of the two years following the introduction of this corn, has fully demonstrated its ability as a producer. It is a full Yellow Dent sixteen rowed variety, kernels packed closely on the cob. Not as early as our Dakota Dent, (which is of much the same type) but highly recommended for planting south of St. Cloud, Minn. Large pkt. 10c; Lb. 20c; postpaid. Peck 50c; bushel \$1.50; 2 bushel \$2.50; 10 bushel \$10.00.

Do not let Foul Seeds get a mortgage on your Farm, use STERLING GRASS and CLOVER SEEDS.

**NORTHROP KING & CO.
IMPROVED
MERCER CORN**



IMPROVED MASTODON CORN.



In the celebrated American Agriculturist Corn Contest, Mastodon Corn outyielded by far every other variety of Yellow Corn. Alfred Rose of Yates County, N. Y. raised on one acre 15,898 POUNDS OF CORN ON THE EAR, which made 2 1/2 BUSHELS OF SHELLED CORN. The originator states: "The Early Mastodon corn, named Mastodon because of its large ears, has been brought to its present standard by careful selection. The seed trade and large growers of field corn have for many years been anxiously inquiring for a large-eared, yet early Dent Corn, and to supply their wants I have for years been studying it up, and until I got up this corn was not fully satisfied. Many sorts have been tried and found wanting. In the Mastodon your customers will find a high-bred corn, which will please them. I claim for this corn the largest number of rows on cob, and the deepest, longest grains of any corn ever originated. It grows very rapid, strong and rank, at a medium height, and will out-yield any corn ever grown in this section. You cannot too highly recommend this corn to your customers. I have grown thousands of bushels of Golden Beauty, and the Mastodon is from three weeks to one month earlier, growing side by side and planted the same week; and again Mastodon Corn is from one week to ten days earlier than any Leaming Corn grown. Price for Mastodon Corn: Large Pkt., 10c; lb., 20c, postpaid; by express or freight, peck, 50c; bu., \$1.25; 2 bu., \$2.00; 10 bu., \$8.50. Bags included.

NOTE. While Mastodon Corn has thoroughly established itself as the earliest of the large eared varieties, and is early as compared with Golden Beauty, Leaming, and other standard late sorts, we do not as yet recommend it for general planting north of latitude 43. We have grown it successfully the past three years, within a few miles of Minneapolis, and hope in two years more to be able to recommend it for general planting as far north as latitude 45. Meantime, we hope as many as possible of our customers in the north, will try a small quantity and report their success.

IOWA GOLD MINE CORN.

This is a fine new variety. It is early, ripening only a few days later than the Pride of the North; ears are of good size and symmetrical; color a bright golden yellow, as handsome as a twenty dollar gold coin just from the mint; grain is very deep; cob small; and therefore dries out very quickly as soon as ripe. Price, lb., 20c, postpaid; by freight or express, peck, 40c; bu., 1.25; 2 bu., \$2.00; 10 bu., \$8.00. Bags included.


STANDARD LATE VARIETIES.


Golden Beauty (Yellow Dent). The largest Grain and handsomest yellow dent corn in cultivation; the ears are large, of perfect shape, and in every way present as perfect a type as could be desired; has from ten to fourteen rows, and fills out well to the end of the cob; grows eight to ten feet high. Not recommended for the Northwest, but for the Middle and Southwestern states. Sample sent on receipt of stamps for postage. Large Pkt., 10c; lb., 20c, postpaid; by express or freight, peck, 40c; bu., \$1.00; 2 bu., \$1.75; 10 bu., \$7.50. Bags included.

Improved Leaming (Yellow dent). Ears of good size, cob red and small, with a deep large grain of bright yellow. It is a strong grower and produces well on light or heavy land where other varieties of yellow dent would not thrive. Large Pkt., 10c; lb., 20c, postpaid; by express or freight, peck, 40c; bu., \$1.00; 2 bu., \$1.75; 10 bu., @ 75c. Bags included.

Champion Pearl (White dent). A pure white dent corn, exceedingly heavy, very compact, very prolific; will grade No. 1 White in any market; can be planted thicker than large corn and bear full sized ears; it stands storms and drouths well. Large Pkt., 10c; lb., 20c, postpaid; by express or freight, peck, 40c; bu., \$1.00; 2 bu., \$1.75; 10 bu., @ 75c.

FODDER CORN.

 **STOCKMEN, DAIRYMEN** and others using FODDER CORN should place their orders EARLY, so that they can secure it at the low prices, test it and have corn on hand that they KNOW WILL GROW when ready to plant.

 From one-half to two and one-half bushels are required to the acre. It may be planted in hills, drills or broadcast. **THE CLOSER IT IS PLANTED THE FINER THE FODDER.** Often four bushels are sown to the acre; this, in our judgment, is too much, as by such dense growth it is deprived of sun and air. Such fodder, if fed before drying is watery and washy. And when dry is light and chaffy, in neither case containing much nutriment.

N. K. & Co. Giant Fodder. In proportion to the quantity of leaf this variety has a smaller stalk than any other fodder corn known to us. In growth it is very tall and leafy, and yields an immense quantity of fodder of excellent quality. The B & W, Soo, and other well known varieties of fodder corn grow just as tall and often throw out leaves that are just as large, but the extraordinary productiveness of the Giant Fodder corn arises from the closeness of the joints, and as leaves are thrown out at every joint, the result is an increased yield of fodder over every other variety with which we are acquainted. Lb., 20c, postpaid; by express or freight, lb., 10c; peck, 30c; bu., 85c; 2 bu., 1.60; 10 bu., @ 75c. Bags included.

Red Cob Fodder. In habit of growth it is very similar to the Giant. It has been before the public for some years and undoubtedly meets with the largest sale of any fodder corn. Lb., 20c, postpaid; by express or freight, lb., 10c; peck, 30c; bu., 80c; 2 bu., \$1.50; 10 bu., @ 70c. Bags included.

Elephant Fodder Corn. This is a yellow seeded, large growing, leafy southern variety, selected solely with a view of producing the largest yield of fodder at the lowest possible cost. We have grown this in large quantities and the very low price and splendid quality should cause it to sell quickly. Price, bu., 60c; 2 bu., \$1.10; 10 bu., @ 50c. Bags included.

Evergreen Sweet Fodder Corn. It is an undeniable fact that there is better feeding quality in one ton of Evergreen Sweet Fodder Corn than in a much larger quantity of any other variety. The reason is evident from the fact that all sweet corn possesses very much more sugar than the field sorts, and as sugar is the most important constituent, it necessarily follows that the corn possessing this in greatest quantity is most valuable. It does not, however, yield as largely as the above named sorts. Lb., 20c, postpaid; by express or freight, lb., 10c; peck, 35c; bu., \$1.10; 2 bu., \$2.00; 10 bu., @ 85c. Bags included.



Fodder Corn.

POP CORN.

	Large Pkt.,	Ot.	postpaid.	By exp. or freight,	Ot.
Early Red Jacket. The best Red variety of Rice Pop Corn.....	5c	35c	"	"	20c
Queen Golden. Pops perfectly white. Productive.....	5c	35c	"	"	20c
White Rice.....	5c	35c	"	"	20c

READ ABOUT WHITE HULLESS BARLEY. PAGE 32.

DWARF ESSEX RAPE.

We were the first Seed House in America to bring Dwarf Essex Rape prominently forward as a desirable and economical Pasturage for Sheep.

Following Professor Shaw's first bulletin on the subject written while he was connected with the Canadian Department of Agriculture at Guelph, Ont., we arranged for a quantity of the seed of the True Dwarf Essex Rape with a grower of Essex County, England. Every year since then we have had our seed from the same Source. We pay a good price for it. We can buy it for a good deal less elsewhere, but it has always given satisfaction and has stood the test. For this reason we are not able to make always as low a price on Dwarf Essex Rape as some of our competitors, but while many other houses have had trouble with their Rape Seed, ours has always been satisfactory and proven true to name. We are led to make this statement from the fact that many in seeing or sending for our price cannot understand why our prices, so low on most everything, are sometimes higher on Dwarf Essex Rape. A few cents extra per acre may make a GOOD MANY DOLLARS DIFFERENCE IN THE CROP.



DWARF ESSEX RAPE.—"Do They Like it?"

From a Photograph taken at the Minnesota State Farm.

DWARF ESSEX RAPE is an annual, bearing a close resemblance in leaf and stalk to the rutabaga, but both leaves and stalk are more numerous in the Rape plant, and of a taller habit of growth. It is a pasture plant which may be eaten off by any kind of live stock, but it is pre-eminently fitted to furnish pasture for sheep and swine. A good crop will furnish at least 12 tons of green food per acre and its nutritive value is nearly twice that of clover. One acre of well grown Rape will furnish pasture for ten to twenty head of sheep for two months, and in that time it will fatten them in good form for the market. Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent.

This plant may be grown successfully in the following ways, viz: 1. In the early spring to provide pasture for sheep and swine. 2. In June or July on well prepared land to provide pasture for sheep. 3. Along with grain, using 2 lbs. of seed per acre to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture for sheep, and to get a "catch" of clover. 5. Along with corn drilled in broadcast to provide pasture for sheep. 6. In corn, sowing the seed with the last cultivation given to the corn. 7. Along with rye sown in August in sheep pasture. When rape is sown broadcast, 5 lbs. of seed per acre will suffice. When sown in rows, say,

30 inches apart, and cultivated, from 1 to 2 lbs. will be enough. It is now being grown in the Northern and Middle States from the Atlantic to the Pacific. The day is not far distant when it will be grown extensively as a pasture for Swine in all the Northwest. Millions of sheep and lambs will be fattened on it in the United States. Our stock is the true Dwarf Essex, imported by us direct from Essex County, England. Several other varieties are sold but they have not proven satisfactory. Price, lb., 30c, postpaid; by exp. or frgt., lb., 20c; 10 lbs., @ 15c; 100 lbs. @ 12c; 500 lbs., @ 11c.

SORGHUM.

EARLY MINNESOTA SUGAR CANE. A much Neglected, a Highly Valuable Plant. Notwithstanding its great adaptability as a food for live stock, it is only quite recently that the real value of Sorghum (or sugar cane) has attracted general attention. In the Northwest, its great merit is not at all appreciated, and we wish to call the attention of farmers everywhere to the great value of Sorghum as a pasture and fodder crop, and to the particular advantage to be gained in using our Selected Minnesota grown Seed in place of any other kind. Sorghum may be made to furnish the principal provender for Cattle, Horses and Mules from August until the following spring. As a summer pasture for Sheep, a wide field is likely to be opened up for it. As a soiling food for Swine it is most excellent, and the seed furnishes a splendid food for fowls. It can be profitably grown everywhere, from the extreme north to the extreme south, and on any ground adapted to the growth of corn. It grows right along through the severest and most prolonged droughts, so that a good yield may be expected from suitable soils in any seasons after the plants have secured a good start.

AS PASTURE. It is grown with excellent results, and springs up quickly after being fed or cut. Care, however, should be exercised in feeding it green, for while some growers state that no ill results follows its free use, others claim that, like clover, it will produce bloating.

AS FODDER. It beats everything. One correspondent writes us: "For winter feed, the most economical thing we know of. We have taken off 37 full loads (about 50 tons) of half-cured fodder to the acre." When fed as a whole ration it has a tendency to whiten the milk, but not the butter, as does Corn.

About thirty pounds of seed is required to the acre. Use a wheat drill set to one bushel. Stop every other hole. When the plants are about 8 inches high, harrow with a heavy two-horse harrow.

For soiling, it may be cut as needed. For fodder, cut soon after the bloom comes out on the heads, leave for two or three days on the ground, then put up in shocks of about one load each.

THE SEED. No other variety can, in our estimation, compare with our Improved Early Minnesota, either for sugar or fodder purposes. It is unusually rich in saccharine matter, is vigorous and much earlier than any other variety. Price, per lb., 25c; postpaid, by express or freight, lb., 15c; 10 lbs., @ 10c; 100 lbs., @ 8c; bags included.

SOUTHERN GROWN CANE SEED. Please bear in mind that our MINNESOTA GROWN AMBER CANE is from two to three weeks earlier than Southern Cane. Where Early Maturing Cane is not particularly desired, Southern Seed may be satisfactorily used. This we offer as follows: Amber Cane (Southern Grown), lb., 15c, postpaid, by express or freight, lb., 6c; 10 lbs., @ 4c; 100 lbs., @ 3c; 500 lbs., @ 2½c; bags included.

Orange Cane (Southern Grown), lb., 15c; postpaid, by express or freight, lb., 6c; 10 lbs., @ 4c; 100 lbs., @ 3c; 500 lbs., @ 2½c, bags included.



**Early Minnesota
Amber Cane.**

FIELD PEAS.

Prices Subject to Market Fluctuations.



Chancellor Field Peas.

Mummy Field Peas. Yellow. Height of vine $3\frac{1}{2}$ ft. These peas are much larger in size than the ordinary field pea. They are grown in Canada and are a great favorite there, as well as in England and Germany, on account of their great productiveness. Qt., 35c, postpaid. By express or freight, qt., 20c; peck, 40c; bu., \$1.35; 2 bu. at \$1.20; 10 bu. at \$1.10. Bags included.

Golden Vine Field Peas. Yellow. Height of vine $3\frac{1}{2}$ to 4 ft. A fine, vigorous variety. Productive. Qt., 30c, postpaid. By express or freight, qt., 15c; peck, 35c; bu., \$1.25; 2 bu. at \$1.10; 10 bu. at \$1.00. Bags included.

Crown Peas. Yellow. Height of vine 3 to $3\frac{1}{2}$ ft. Named on account of their podding higher on the stalk than other field peas. They make a very showy appearance while growing, and are extremely productive. Qt., 35c, postpaid. By express or freight, qt., 20c; peck, 40c; bu., \$1.30; 2 bu. at \$1.20; 10 bu. at \$1.10. Bags free.

Canada Field Peas. Yellow. Height of vine $3\frac{1}{2}$ to 4 ft. This is a standard sort of Green Field Peas and needs no special description. This variety is extensively grown in Canada, Wisconsin and other pea growing sections, and has a large sale, not only for agricultural purposes, but for use in soups. Qt., 30c, postpaid. By express or freight, qt., 15c; peck, 30c; bu., \$1.00; 2 bu. at 90c; 10 bu. at 85c. Bags free.

Canada Field Peas. Green. Height of vine $3\frac{1}{2}$ to 4 ft. Of the same general character as Canada White Field Pea. Used for the same purposes, but the seed is green in color instead of white; Qt., 30c, postpaid. By express or freight, qt., 15c; peck, 30c; bu., \$1.00; 2 bu. at 95c; 10 bu. at 90c. Bags free.

Scotch Peas. Mottled green. Seed is larger than the ordinary green field pea. Vines are also of more vigorous growth. Very productive. Qt., 35c, postpaid. By express or freight, qt., 20c; peck, 40c; bu., \$1.30; 2 bu. at \$1.15; 10 bu. at \$1.05. Bags free.

Large White Marrowfat. Seeds white. Height 4 to $4\frac{1}{2}$ ft. Foliage heavy, pods large. A standard field variety; table quality fair. Qt., 30c, postpaid. By express or freight, qt., 15c; peck, 60c; bu., \$2.00; 10 bu. at \$1.60. Bags free.

Black Eye Marrowfat. Height 4 to $4\frac{1}{2}$ ft. Seeds white with black eye; very hardy. Qt., 30c, postpaid. By express or freight, peck, 60c; bu., \$2.00; 10 bu. at \$1.60. Bags free.

VETCHES.

Sand Vetch (*Vicia Villosa*). Sometimes called the **Hairy Vetch**. This has proven to be the most valuable of all the Vetches. It succeeds well on nearly all soils, and thrives surprisingly on poor light land, and well withstands great extremes of drought, heat and cold. It may be sown either in the spring or fall, usually with Rye. It grows rapidly and soon attains a height of 3 to 4 feet. It may be cut twice for fodder. It is particularly valuable in those sections where clover does not thrive. In the North it remains green all winter under the snow, and is invaluable for early pasturing or soiling. It is valuable as a fertilizer, being a great nitrogen gatherer. For hay, cut when commencing to pod. Fifty pounds of seed required to the acre. Large pkt., 5c; lb., 20c, postpaid. By freight, lb., 10c; 10 lbs. at 8c; 50 lbs. at 6c; 100 lbs. at 5c. Bags free.

Spring Vetches. Used for the same purposes as the Sand Vetch, but will not thrive on as poor soil, or withstand extremes of weather as successfully. Large pkt., 5c; lb., 18c, postpaid. By freight, lb., 10c; 10 lbs. at 6c; 50 lbs. at 5c; 100 lbs. at 4c. Bags free.

Kidney Vetch or **Sand Clover**, Perennial. Valuable for dry sands and poor soil. Eaten with avidity by sheep, cattle and horses. Produces abundant hay. Sow 25 lbs of seed to acre. Pkt., 5c; lb., 35c, postpaid; 100 lbs. at 15c. Bags free.

Twelve years ago we were severely criticised by one of the leading agricultural papers of Minnesota, as well as by many farmers, for advocating the use of *Field Peas* in the Northwest. Since that time we have had the pleasure of seeing the paper in question become one of the most earnest and effective advocates of their largely increased use, and the still greater satisfaction of knowing that they have become a *standard crop* in many parts of the West and Northwest. They should, however, be grown even more largely than they are. Those who have not grown them should do so by all means. Those who have tried them and been unsuccessful should try them again. They are a highly valuable crop.

PEAS are a paying crop in many ways. First: They CAN BE GROWN IN ALMOST ANY CLIMATE AND ON NEARLY ANY SOIL. Second: They are a PROFITABLE CROP to grow, in that the peas when threshed are as STAPLE AS WHEAT and can always be marketed. Third: They stand in the FRONT RANK as a FODDER PLANT, being very rich in the elements that improve the muscle, bone and nervous system. Fourth: As much of the crop as may be desired can be fed green, the balance may be used as dry feed, or the peas can be threshed and sold; last but not equally, perhaps MORE IMPORTANT STILL, AS A RENOVATOR OF THE SOIL THEY RANK NEXT TO CLOVER and can be readily grown where clover will not thrive. Their MANURIAL VALUE is a point that should not be lost sight of, particularly by those who have grown wheat year after year and upon ground no longer producing large crops. The reason is plain. The nitrogen is exhausted from the soil. Peas are great absorbers of Nitrogen from the atmosphere and land upon which they are allowed to grow, and the crop plowed under will the next year show plainly the great benefit; even if the crop is harvested and the stubble only turned under, the improvement will be very marked. Farmers throughout the Northwest should no longer neglect this all important crop.


FIELD PEAS can be sown alone or with Oats. If alone, about 3 bushels are required to the acre. If with oats, $1\frac{1}{2}$ bushels of Peas and 2 bushels of Oats. The latter is a favorite and profitable method, and one that we strongly endorse, as in this way a double crop can be secured. They can be threshed at one time, and readily separated in cleaning. Do not sow Peas on too rich ground, as they will run to vine instead of pod. We are HEAD-QUARTERS in the Northwest for Field Peas.

N. K. & Co.'s Chancellor Field Pea. Yellow. Height of vine $3\frac{1}{2}$ to 4 ft. We wish to call especial attention to this Pea as being earlier than any other field variety. Earliness in maturity is an important consideration, not only with peas, but with other farm crops, providing that the yield of the early sort chosen is as great as the late, for it is a self-evident fact that the risk is decreased by as much as the growing season can be reduced. The pea in question is not only earlier, but, we believe, more productive than any other sort. Qt., 35c, postpaid. By express or freight, qt., 20c; peck, 40c; bu., \$1.35; 2 bu. at \$1.20; 10 bu. at \$1.10. Bags included.



Sand Vetch

MISCELLANEOUS FODDER AND FORAGE SEEDS.

 If Wanted by Mail add 10 cents per pound for Postage.

AUSTRALIAN SALT BUSH. The many thousands of acres of alkali lands of the West may be made productive and profitable by planting Salt Bush. Cattle, Horses, Sheep and Swine eat it and thrive on it. This plant is not an experiment, it is a demonstrated SUCCESS. It was introduced into this country by the University of California, and already has proven a boon to stock raisers on the California ranges. It flourishes where grasses and other forage plants will not grow, and furnishes enormous quantities of nutritive food for stock, and remains green all winter. Single plants grown on the worst alkali lands have reached a diameter of 16 feet in one season. It succeeds everywhere, and there seems to be no question but that it will in time eliminate alkali from the ground, rendering it suitable for other crops. Prof. Tower states that its nutritious strength is nearly equal to that of Alfalfa. Large pkt., 10c; lb., \$1.75.

Test AUSTRALIAN SALT BUSH This Season. One pound of seed will plant an acre. Sow after the ground has become warm and all danger of frost is past. Mix the seed with ten times its bulk of loam, sand or land plaster, and sow broadcast, after which cover lightly with a brush harrow or roll lightly. The seed germinates quickly, and the plants will soon take possession of the ground. Or the seed may be sown in a hot-bed, cold-frame, seed boxes, or in a protected garden-bed, and the seedlings transplanted when two inches high, 7 to 8 feet apart. If the weather is dry when planting, supply a little water to each plant. Large package, 10c; ¼ pound, 60c; 1 pound, \$1.75 by mail postpaid. Deduct 10c pound if wanted by express or freight.

Although our own test showed good growth, we had nine complaints from customers to whom we sold Australian Salt Bush last season, that it did not germinate. We referred these complaints to the collector who furnished us the seed, and he states that without doubt the fault lay in covering the seed too deeply. He writes: "Advise your customers to prepare the ground thoroughly and cover the seed very lightly, and you may also say to them that Australian Salt Bush is a splendid success."

	Large Pkt.	Lb.	100 lbs.
BEANS. English Horse or Broad Windsor		15c	\$8.00
BROOM CORN. Evergreen. Best variety for general culture.....	5	10	3.50
Japanese. Earliest.....	5	10	4.50
BUCKWHEAT. Japanese. Grain double the size of any other.....		7	2.00
Silver Hull. Makes the finest flour.....		7	2.00
COW PEAS. Used in the South as a fodder plant and for plowing under....		10	3.50
DHOURA. Brown. Grain and stalks make excellent food for animals.....		10	6.50
FLAX. We exercise great care in the thorough cleansing of our seed so as to rid it of noxious weeds. Any of the seed Flax sold by us, if not satisfactory, can be returned at our expense.....		7	2.75
JERUSALEM CORN. Safe and sure for dry countries and seasons.....		10	5.50
KAFFIR CORN. The whole stalk as well as the blades make excellent fodder, and in all stages of its growth is valuable for green feed.....		10	2.50
LENTILS. Largely used for soups. Succeeds best in dry, sandy soils.....	5	20	15.00
LUPINS. Valuable for soiling. May be sown in April or July, and plowed under when in flower.....	5	20	7.00
LATHYRUS SYLVESTRIS (Flat Pea). Grows well on poor soil; roots so deeply that it is not injured by drouth; two cuttings of hay may be secured in a season from the matured plant. Once established, Lathyrus will stand for years without re-seeding. Seed should be sown in a small garden bed and transplanted when the plants are of suitable size.....		Pkt., 5c; oz., 25c; lb., \$2.50	
MILO MAIZE (Yellow). Thrives in the hottest and driest climates.....	5	10	3.00
" " (White).....	5	10	3.00
PEARL MILLET. A valuable fodder plant for the south.....		15	9.00
PEANUTS (Iverson Improved). Early, large and prolific.....		20	12.00
SACALINE. Grows well on poorest soil. Once established stands indefinitely.....		Pkt., 10c; 3 pkts., 25c; oz., 35c; lb., \$4.00	
SORGHUM. Early Minnesota Sugar Cane. A highly valuable fodder plant (see page 37).....		15	8.00
Early Orange Cane. Two weeks later than Early Minnesota.....		6	3.00
SPURRY. An annual; grows well on poor, dry, sandy soils. It may be sown every month from March to August: is in the best condition for pasture in four to six weeks after sowing. Excellent pasture for cattle and sheep, also as a fertilizer for light, sandy soils. Fifteen pounds seed required to the acre.....	5	15	9.00
SUNFLOWER. New White. This is a true novelty; in growth similar to the Mammoth Russian.....		20	15.00
Mammoth Russian.....		10	4.50
TEOSINTE. A valuable fodder plant, resembling Indian Corn in growth....		Pkt., 5c; oz., 15c; lb., \$1.50	
WILD RICE. Valuable as an attraction for water fowl: Directions for sowing sent with each order.....		10 20	10.00

THOUSAND HEADED KALE. We wish to call attention to Thousand Headed Kale as a valuable pasturage for sheep. The plant attains a height of three to four feet and yields an enormous crop of wholesome and nutritious food. It produces more food to the acre than any other, and sheep especially thrive wonderfully upon it. So far as we know, it has not been used in this country, but we do not hesitate to predict that in a few years it will be as popular as Dwarf Essex Rape. It is in England thoroughly established as a safe and profitable pasturage for sheep. The seed should be drilled in rows 26 to 30 inches apart, and plants thinned out so as to stand about 20 inches apart in the row, or the seed may be broadcasted, using 1½ lbs. to the acre. Large pkt., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

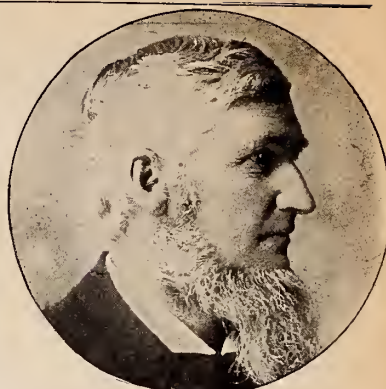
GRASS AND CLOVER SEEDS.



We have adopted the above design as our Trademark, and for the protection of ourselves and our customers, have caused it and the word **STERLING** as applied to Seeds to be registered in the Patent Office at Washington.

QUALITY.

We ask special consideration of the **QUALITY** of our Grass, Clover and Millet Seed. It may not be generally known that Northern Minnesota and Wisconsin grown Timothy and Clover Seed ranks the highest of any produced in the United States, and commands the highest price in the markets of this country and Europe. We have the best cleaning machinery obtainable, and exercise every care to assure a high degree of purity and germination. Any one who orders our best grades of Grass, Clover and Millet Seeds, may exercise the privilege of returning them at our expense if upon arrival and prompt test they do not develop a high percentage of growth, or fail to prove of satisfactory purity under microscopic examination.



MR. O. C. GREGG
Superintendent of Minnesota State Farmers' Institute,

Lynd, Lyon Co., Minn., Dec. 10, 1897.

NORTHROP, KING & Co.,
Minneapolis, Minn.

GENTLEMEN:—We purchased of you last spring some of your Grass Seeds, sold under the "Sterling brand." We made selections of them because we were assured that they were free from foul seeds, and had strong germinating power. Our experience with them verified the recommendation you gave.

One of the dangers which grows out of the sowing of grass seed is that we are liable to get injurious weed seeds in such sowing. We had an experience with some in which we obtained the seed of the ox-eyed daisy, and had to watch very closely in order to exterminate the little start which we then gave to that pest upon our place. The Seedsman who will furnish seeds of good vitality, as well as free from noxious weeds, is a valuable aid to good agriculture. We believe that your house proposes to maintain and further establish that reputation for **HIGH GRADE SEEDS** that is needed in our Northwest. I am, very truly yours,

O. C. GREGG.

OUR "STERLING" BRANDS.

The terms **FANCY, CHOICE** and **PRIME** by which the best grades of Timothy and Clover Seeds are usually known, vary greatly in different markets, and have become much abused by many seedsmen, who apply these terms indiscriminately to any grade of seed. For this reason we have established a grade of our own called **STERLING**, and we intend this grade to represent the best seeds possible to send out, both as respects **PURITY** and **GERMINATING POWER**. We shall continue to sell **Choice** and **Prime** Grades, and they will be found exactly as Represented, but the cost of using the best seed is so little more, that we urge purchasers to buy our **STERLING BRANDS**, and secure the best quality. The results will pay the difference many times over.

PRICES.

Prices on Grass Seeds, Clovers, etc., are very fluctuating. Those herein given are based on values the day this is written. So we reserve the right to send seed to the value of the money sent us, according as the market is higher or lower. If large quantities are wanted, it is always best to write for prices. Then there is sure to be no misunderstanding. Unless otherwise stated, our prices include Sacks, and free delivery to any railroad station in Minneapolis.

If any Grass or Clover Seeds are wanted by mail, add 10c per pound for postage.

Please note that we quote both by the **100 LBS.** and **BUSHEL**.

In ordering, always state Grade wanted. 20 lbs., or more, supplied at the 100 lbs. rate.

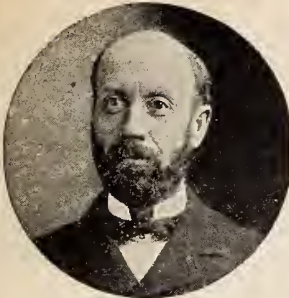
GRASS SEEDS.—LEADING VARIETIES.

	Lbs. required per acre if sown alone.	Lb.	Bus.	100 lbs.		Lbs. required per acre if sown alone.	Lb.	Bus.	100 lbs.
TIMOTHY. N., K. & Co's "Sterling" (finest)	10	8c	\$1.80	\$4.00	KENTUCKY BLUE GRASS.				
Choice	12	6	1.47	3.25	Extra Clean.....	34	10c	\$.84	\$6.00
Prime	13	5	1.35	3.00	CANADIAN BLUE GRASS ...	28	13	1.12	8.00
Fair	14	5	1.13	2.50	MEADOW FESCUE. (English Blue Grass)	24	12	1.12	8.00
RED TOP. Fancy (cleaned from chaff); "Sterling"	10	25		20.00	ORCHARD GRASS. "Sterling"	22	25	2.52	18.00
Fancy (cleaned from chaff); Choice	11	18		15.00	Choice.....	24	20	1.96	14.00
Prime	12	16		13.00	Prime.....	26	18	1.40	10.00
Choice (in chaff)	28	15	1.68	12.00	FOWL MEADOW GRASS	22	25		20.00
Prime	30	10	1.12	8.00	AUSTRIAN BROME GRASS.				
Fair	32	8	.84	6.00	(Bromus Inermis) See p. 41	15			
KENTUCKY BLUE GRASS.					LAWN GRASS. N., K. & Co's				
N., K. & Co's "Sterling"	20	18	1.68	12.00	"Sterling" Mixture.....	50			
Fancy	24	16	1.40	10.00	N., K. & Co's Park Mixture ...	56	} See page 56.		
Double Extra Clean	30	14	1.12	8.00	" " Good Mix'd.....	60			

"All the Seeds I had from you have given entire satisfaction, especially the GRASS SEEDS, which are the **CLEANEST** and **BRIGHTEST** I have ever seen."

CHAS. WELCOME, Pratt, Wis.

CLOVERS.



MR. J. E. STORY.

New Brighton, Minn.,
Nov 1st, 1897,
NORTHRUP, KING & Co.,
Minneapolis, Minn.
Gentlemen:—The Seeds I
have had from you while
Manager of Mr. J. J. Hill's
North Oaks Farm, have been
most satisfactory.

I wish to highly commend
your Sterling Grades of Grass
and Clover seeds of which we
used a large quantity. Farmers
could well afford to pay
three times as much for seeds
as pure, as clean, as strong
growing as these, than to take
the ordinary grades as a gift.
I wish also to speak of your
Minnesota King Corn. It is
a grand variety, early, a
heavy yielder and an excellent
silage sort.

Yours very truly,
J. E. STORY.

Mr. Story has a great record as a farmer. As a
young man, he won the Gold Medal, awarded by the
County of Lannark and Carleton, for the best farm in
these counties. He was then made Superintendent of
the Government Experiment Station of Ontario, Canada,
from there, went as manager of the celebrated "Bow
Park" farm, the "crack" farm of Canada, which position
he held until he came to Minnesota to take
charge of Mr. J. J. Hill's farm at White Bear Lake.

Bear in mind that prices on grass and clover
seeds fluctuate greatly. It is always best to write
for prices. If wanted by mail, add 10 cents a pound
for postage. In ordering, always state Grade
Wanted. 20 lbs., or more supplied at the 100 lb.
rate.

	Lbs. required per acre if sown alone.	Lb.	Bu.	100 lbs.
RED MAMMOTH. N. K. & Co.'s				
"STERLING".....	8 12c	\$4 65	\$7.75	
Choice.....	9 12	4.20	7.00	
Prime.....	10 10	3.90	6.50	
RED MEDIUM. N. K. & Co.'s				
"STERLING".....	8 13	4.65	7.75	
Choice.....	9 12	4.20	7.00	
Prime.....	10 10	3.90	6.50	
ALSIKE OR SWEDISH. N. K.				
& Co.'s "STERLING".....	8 18	7.50	12.50	
Choice.....	10 17	6.60	11.00	
Prime.....	12 15	4.80	8.00	
Mixed with Timothy.....	10	5.00		
ALFALFA OR LUCERNE. N.				
K. & Co.'s "STERLING".....	12 14	4.80	8.00	
Choice.....	12 13	4.50	7.50	
Prime.....	14 12	3.90	6.50	
WHITE. N. K. & Co.'s "STER-				
LING".....	7 25	10.20	17.00	
Choice.....	8 20	8.40	14.00	
Prime.....	8 18	6.00	10.00	
SCARLET OR CRIMSON, Choice	20 12	4.20	7.00	
Prime.....	20 10	3.00	5.00	
BOKHARA.....	10 25	20.00		
SAINFOIN or ESPARCETTE.....	30 12	2 40	6.00	

IMPORTED AND FANCY GRASSES.

If wanted by mail add 10 cents a pound for postage. Ten pounds or more supplied at the 100 lb. rate.

	Lbs. required per acre if sown alone.	Lb.	100 lbs.		Lbs. required per acre if sown alone.	Lb.	100 lbs.
RHODE ISLAND BENT.....	25	25c	\$18.00	SHEEP FESCUE.....	20	18c	\$12.00
MEADOW FOX TAIL.....	18	40	30.00	TALL FESCUE.....	25	22	18.00
SWEET VERNAL, Perennial, Rarely				HARD FESCUE.....	24	18	12.00
sown alone. With other grasses.....	5 to 8	50	40.00	ITALIAN RYE.....	24	12	8.00
SWEET VERNAL, Annual.....	25	20	13.00	WOOD MEADOW GRASS.....	20	40	30.00
TALL MEADOW OAT.....	28	25	18.00	ROUGH STALKED MEADOW.....	20	30	22.00
YELLOW OAT.....	25	90	75.00	ENGLISH RYE. (Perennial Rye).....	24	12	7.50

AUSTRIAN BROME GRASS.—(Bromus Inermus.)

This is the most promising grass that has yet been tried on the prairies of
the West. It is very hardy, endures very low temperature in winter, and
possesses great power to grow in dry climates. It is well adapted for hay
or pasture. This grass comes up quickly in the Spring, makes a rapid
growth, and after it has been cut for hay, makes abundant pasturage.

Prof. Shaw says: "This grass cannot be obtained too soon by the farmers
of the Northwest."

We wish to call special attention to the quality of our seed. The large demand
for this seed has resulted in a great deal of trashy, light seed being
sold.

We offer two grades of this seed "Sterling" and Regular. Our "Sterling"
grade is the finest obtainable, the best and heaviest we have ever
seen. By mail, postpaid, lb., 35c; by express or freight, lb., 25c; 100 lbs.,
\$20.00. 15 lbs. to the acre.

Regular. Is good seed but lighter, and does not show as good a test. It
is fully equal, however, to the seed usually sold. By mail, postpaid, 30c; By
express or freight, lb., 20c; 100 lbs., \$16.00. 20 lbs. to one acre.

Austrian Brome
Grass.

NORTHRUP, KING & CO.,

Minneapolis, Minn.

Crookston, Minn., Dec. 1st, 1897.

Gentlemen:—The Bromus Inermus ranks among the most promising of the grasses on the
experiment plots here. The yield this year was very large. I shall be greatly surprised if this
species does not in the future figure among the most prominent grasses of the Northwest.

Yours truly, T. A. HOVERSTAD,

Supt. Experiment Farm.

Northrup, King & Co's Clover Grass Mixtures.

FOR MEADOWS AND PERMANENT PASTURES.



MR. A. H. POEHLER;
Treas. H. Poehler Co., Grain
Commission Merchants,
Minneapolis.

All authorities agree that for **PASTURE** and **HAY**, best results are obtained from the use of grass seeds in **MIXTURE**. The reasons are obvious: First—A NUMBER OF SPECIES will insure a much **DENSER GROWTH** than the same number of seeds of one or two species, and prove **Less Exhausting** to the soil, since they live to a large extent on different constituents. Second—Seasons that affect some grasses adversely are **FAVORABLE** to other sorts, so that with mixtures, a failure is **PRACTICALLY IMPOSSIBLE**, provided, of course, the seed is good. We take great pains in selecting grass seeds, in order to secure the **HIGHEST GERMINATION**, and mixtures are based on a full appreciation of the requirements of different soils for which they are intended.



MR. J. STRUDWICK,
Supt. Mr. F. H. Peavey's
Highcroft Farm.

"The permanent pasture mixtures you made up last Spring for forty acres of our Renville County farm made an excellent catch and is very thick on the ground. Although the original cost is greater, I believe that such mixtures as these are, in the long run, **VERY MUCH MORE ECONOMICAL** and **PROFITABLE** than the **VARIETIES ORDINARILY USED FOR PASTURES** in the Northwest. Yours truly,
H. POEHLER COMPANY."

N., K. & CO.'S CLOVER GRASS MIXTURES.—We ask purchasers to observe that we are able to offer, at these very low figures, only from the fact that we make up large quantities before the commencement of the season, therefore nothing can be taken out. We cannot afford to add anything to the mixture, on account of the slight margin upon which we have figured. We shall be happy, however, to make estimates on any special mixtures desired by our patrons. Our recommendations for quantity to the acre is fixed on the basis of good fair seeding. The quantity can, of course, be spread over more or less ground, as the case may demand. **25 lbs. supplied at the 100 lb. price.**

The permanent pasture mixture you made up for Mr. Peavey's Highcroft Farm has done splendidly. It was a fine mixture and made a good catch.

During the sixteen years I have been in this country I have been trying to get such mixtures as are so successful and permanent in England. Yours is by all means the best I have yet seen.

Yours truly,
J. STRUDWICK,
Wayzata, Minn.

FOR PERMANENT MEADOWS.

	Lbs. per acre.	Per lb.	Per 100 lbs.
No. 1. For dry and high grounds, light soils.....	22	14c	\$11.20
No. 2. For dry and high grounds, strong soils.....	20	13	10.35
No. 3. For moist grounds and rich soils.....	18	14	11.10
No. 4. For moist grounds, occasionally overflowed.....	16	13	9.70
No. 5. For orchards and shaded places.....	20	15	12.00

FOR PERMANENT PASTURES.

No. 10. For high and dry grounds, light soils.....	24	14	10.50
No. 11. For high and dry grounds, heavy or clay soils.....	22	14	10.25
No. 12. For moist grounds and rich soils.....	20	14	10.75
No. 13. For top seeding to improve pasture on low rich ground or marshes.....	12	12	9.25
No. 14. For orchards and shaded places.....	20	14	11.30

The above are mixtures we can "stand by." We can make up lower priced mixtures if desired. Don't let the price stand in the way of your getting a good article. It is the cheap, fake grass mixtures that have brought discredit on grass and clover mixtures in this country.

PRICES SUBJECT TO MARKET CHANGES.



The name by which we have designated this Millet has been applied to emphasize the use to which it is now being largely put, as an economical and highly valuable food for stock, especially Hogs, and while it is one of the best varieties to grow on account of the ready sale with which the seed now meets in most millet markets, for Bird Seed and other commercial purposes, it is from the standpoint of its merits in raising and fattening swine that we give it prominence and urge its use. While recommended for all sections, its highest comparative value will, of course, be found in those areas where corn cannot be safely or cheaply

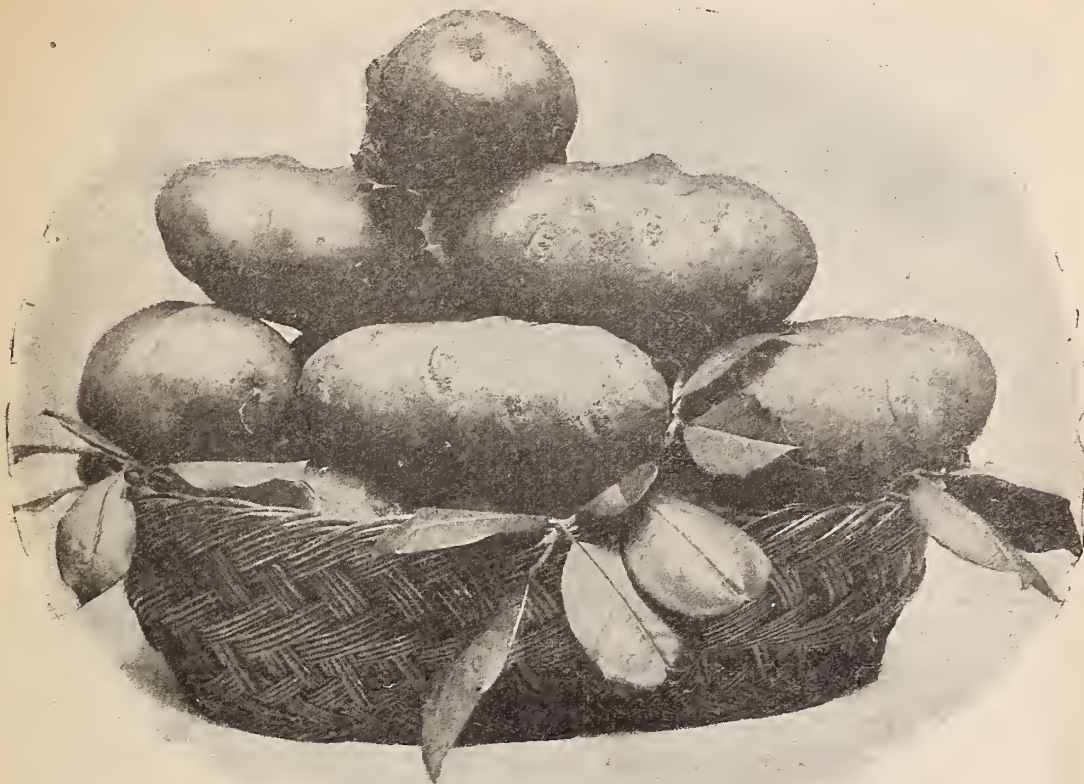
grown. In such localities **HOG MILLET** satisfactorily solves the problem as to the profitable raising of swine. **Lb., 20c, postpaid; peck, 35c; bu., \$1.00; 10 bu. at 90c.**

N., K. & CO.'S GOLDEN WONDER MILLET. Heads eighteen inches in length containing 18,000 seeds are not rare. The average length of head is about fifteen inches. The yield is enormous. The stalk at butt measures about one-fourth of an inch, full of broad leaves, resembling those of corn, yielding 10 to 12 tons of fodder per acre, and as easily cured as clover hay. **Lb., 20c, postpaid; peck, 75c; bu., \$2.00.**

GERMAN MILLET. Those who grow Millet for hay will find the Southern grown German Millet the best variety for that purpose on account of its giving a ranker yet finer growth than the Northern grown Millets. **Peck, 35c; bu., \$1; 10 bu. @ 90c.**

COMMON MILLET. Requires a dry, light, rich soil, and grows 2½ to 4 feet high, with a fine bulk of stalks and leaves, and is excellent for forage. For hay, sow broadcast, one-half bushel per acre, from May 1st to Aug. 1st. For grain, sow in drills, one peck to the acre, and not later than June 20th. **Peck, 30c; bu., 80c; 10 bu. @ 75c.**

HUNGARIAN. A dark seeded variety, resembling in growth the German Millet, but being less rank, and possessing finer stalks. **Peck, 35c; bu., \$1.00; 10 bu. @ 90c.**



NORTHROP, KING & CO.'S EXTRA EARLY OHIO POTATOES.

EXTRA EARLY OHIO POTATOES. Northrup, King & Co.'s Special Stock. We consider these to be the earliest, purest and altogether the handsomest stock of Early Ohio Potatoes to be found anywhere. On these points, we challenge comparison with stock from any other source. We do not admit that its equal exists among Early Ohio Potatoes. They are grown under conditions that make them cost more than common stock, they are selected with the utmost care, and the result is grand, such as to delight everyone who knows and appreciates a good potato. Everyone of them is a "picture" of what an Early Ohio Potato should be. Stock Limited. 100 eyes, by mail, postpaid 80c; by freight, peck 50c bu., \$1.50; bbl., \$4.00.

EARLY OHIO. We do not now grow our Early Ohio Potatoes. Minneapolis is such a large seed potato receiving market and shipping point that we have found it to be a better plan to select each year, a few carloads of Ohios out of the many coming each day during the fall and early winter. In this way we have our pick out of many thousands of bushels, and we usually have better stock, than if we felt obliged to first dispose of those of our own growth. Our stock will please the buyer.

100 eyes, by mail, postpaid, 60c; peck, 35c; bu., \$1.10; bbl., \$3.00.

EXTRA EARLY TRIUMPH,--(Bliss.)

This variety has been known for a long time, and yet "unknown." It was introduced many years ago by Mr. B. K. Bliss of New York, who disseminated the Early Rose. The Triumph attained at the time no particular favor, but all of a sudden its virtues became appreciated and the demand for it last season was so great, that it sold readily in carload lots for three times the price of ordinary seed potatoes, and one man who held several thousand bushels reaped a substantial fortune from their sale. There is good reason why the Triumph should be popular. It is from seven to ten days earlier than the Ohio, and that oftentimes means a difference of many dollars in the crop. We believe that potato growers will do well to plant liberally of them the coming spring as there is sure to be an almost unlimited demand for the seed from the Mississippi Valley where thousands upon thousands of acres of potatoes are grown each year for the early market. The illustration is from a photograph of an average specimen. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. It is productive, and for

EXTRA EARLY TRIUMPH.

several years to come, will probably command a higher price among potato buyers than any other sort. Our stock is genuine. Price, 100 eyes, \$1.00 by mail postpaid. By freight, peck, 60c; bu., \$1.75; bbl., (3 bu.) \$4.50; in 10 bbl. lots, @ \$4.00.



POTATO EYES BY MAIL.

This special collection of 25 eyes each of N. K. & Co.'s Extra Early Ohio, Extra Early Triumph, Carman No. 3 and N. K. & CO.'s PINGREE, will enable all who wish to secure the genuine stock of these four grand varieties, to secure same at very slight expense, and without freight charges. Remember that we warrant them, to reach the purchaser in good growing condition, and that they will keep so until planting time. PRICE, by mail postpaid \$1.00.

We believe that we are the originators of the system of sending potato eyes by mail. There are numerous advantages in procuring them in this shape. First it has been conclusively proven that potatoes cut to single eyes give the largest yields and best results generally. Second: No freight charges to pay. Third: They can be sent for planting without incurring this risk. Fourth: By our improved method of preparing the eyes for shipment, they will keep in good condition for



without danger of freezing. A customer can secure them in ample time for preparing the eyes for shipment, they will keep in good condition for months.

POTATO SEED.

A very interesting employment is that of growing new sorts of Potatoes from the seed. A small package of the true hybridized seed will produce a number of seedlings differing greatly in shape, color and other general characteristics. The tubers rarely grow to be more than half an inch in diameter the first year, and while their value can be judged somewhat the second year, it is not until the third year that their comparative worth can be truly determined. At that time it will be strange indeed if among them is not found at least one or two that will well reward all the effort that has been expended on them. In this way have been obtained our choicest and rarest varieties. The seed should be planted in fairly rich soil about corn planting time. Keep clear of weeds and give good cultivation. Pkt., 20c.

NORTHERN GROWN SEED POTATOES.

No potatoes grown can be compared with those produced in the North, either for VIGOR and FREEDOM FROM DISEASE, or PRODUCING AND LONG KEEPING QUALITIES. Our stock is so fine, and our prices so low that it is a particularly favorable time to get into a stock of some of the newer and better sorts.

SHIPMENT will be made at any date ordered, but where no special instructions to the contrary are given, will hold until in our judgment there will be no danger from freezing. Write for special prices on carload or large lots.

EXTRA EARLY VARIETIES.

	pk.	bu.	bb.
EARLY FORTUNE. (New.) A very early variety, sent out with extraordinary claims as to its yielding qualities. It is distinctive in appearance being longish; flesh and skin white and very attractive. Eyes very prominent. 100 eyes, 60c.	50c	\$1.25	\$3.50
EARLY SIX WEEKS. It is claimed by the introducer of this potato that it will yield potatoes of marketable size in six weeks after planting. Our trials hardly justify this claim, but it is certainly a very early and a very good potato. Is of excellent quality and yields abundantly. 100 eyes, 60c.	40	1.00	3.00
N. K. & CO.'S EARLY MINNESOTA. The distinguishing characteristics of this potato are its earliness, productiveness, uniformity in size and admirable cooking qualities. When boiled its flesh is almost as white as milk; baked, it has no superior. The uniformity and size is a feature that will be appreciated by all potato growers. 100 eyes, 60c.	50	1.10	3.25
MONTANA ROSE. Despite the large sale that has been attained on the many new potatoes that are being constantly introduced, there are a great many who contend that Early Rose is the peer of them all. It is certainly true that a pure healthy stock of Early Rose potatoes has been difficult to obtain. In our judgment the Montana Rose will fully satisfy those who are looking for a first class healthy Early Rose Potato. 100 eyes, 60c.	50	1.10	3.25
PEARL OF SAVOY. Introduced some years ago by a Boston firm. In a test made at the Rural New Yorker Experimental Farm the potatoes were dug July 29th and gave a yield of 699 bushels to the acre, 13 $\frac{3}{4}$ potatoes to the hill. It will thus be seen that they are very early and very productive. 100 eyes, 60c.	40	90	2.75

INTERMEDIATE VARIETIES.

CARMAN NUMBER 1. New. Finest second early potato grown. Handsome, Uniformly large. An enormous yielder. Skin and flesh very white. Quality perfect. Were sold in 1894 at \$26.00 a barrel. 100 eyes, 60c.	40	1.00	3.00
RURAL NEW YORKER NO. 2. Skin and flesh are pure white. Intermediate in ripening and unsurpassed in table quality. Very few eyes. 100 eyes, 60c.	40	1.00	3.00
N. K. & CO.'S IDEAL Introduced by us in 1892, and we consider it Ideal in name, quality, flavor, size, appearance and productiveness. 100 eyes, 60c.	50	1.15	3.25
THE FREE 4AN. This potato has met with a wide sale, largely, no doubt on account of the liberal advertising it received, but deservedly so, for its productiveness and other excellent qualities. The tubers are of fine shape and large; skin white and russet, shape oblong, small flattened eyes almost even with the surface and inconspicuous. 100 eyes, 60c.	50	1.15	3.25

LATE VARIETIES.

CARMAN NUMBER 3. A magnificent late potato. An extraordinary cropper. Tubers are very large, handsome and of finest quality. 100 eyes, 60c.	40	1.00	3.00
MAGGIE MURPHY. This is a very fine variety, very large, oval in shape, medium to late in maturing. An abundant yielder. Thrives best on light soil. 100 eyes, 60c.	50	1.15	3.50
EMPIRE STATE. Late standard sort. Skin white, smooth. Flesh white, floury. 40	1.00	2.75	
WHITE STAR. A standard late sort. 100 eyes, 60c.	40	1.00	2.75
MONTANA WONDER. While this is the largest potato grown, it is also of excellent quality, extraordinarily productive and an excellent keeper. The stock now in our cellars average to tuber about 1 $\frac{1}{4}$ lbs. in weight, and 6 $\frac{1}{2}$ inches in length. 50	1.25	3.50	

The "PINGREE" POTATO. See Last Cover Page.

Select List of Flower Seeds.

FREE PREMIUMS.

On each order for **FLOWER SEEDS** amounting to **50 CENTS**, the purchaser may select **15 CENTS WORTH EXTRA**. Thus, any one sending us **50 CENTS** for Flower Seeds may select additional seeds to the value of **65 CENTS**; for **\$1.00**, seeds to the value of **\$1.30**, and so on.

This liberal premium is the same as a discount of 30 per cent, but must be selected in Flower Seeds, not in Vegetable Seeds, Field Seeds or Bulbs.

Our list of Flower Seeds embraces all the popular and easily grown varieties, as well as the best novelties of recent introduction. It will be noted that all along the line we have made radical reductions in PRICES, and, in so doing, we have sacrificed neither quality or quantity. Our Flower Seeds are the finest obtainable.

Our Packets, we believe, contain MORE SEEDS, in proportion to price asked, than those put out by any other house.

We greatly regret that we cannot illustrate every one of the beautiful varieties we list. Prominence is given to a few leading sorts, but many to which but a few lines are given are equally worthy of display.



Our Flower Seeds Please our Patrons.

ABUTILON. A free growing, decorative shrub with bright bell shaped flowers; desirable either for greenhouse or garden. Finest mixed.....	Pkt. 5c
ACACIA. Elegant shrubs with fern-like foliage. Richly scented flowers. Finest mixed.....	6c
ACROLINIUM (Everlasting). The dried flowers are used for winter decoration.....	3c
AGERATUM. Hardy annual. Much used for bedding and edging.....	3c
ALYSSUM. Sweet. Much used for edgings; excellent as a cemetery plant.....	3c
Little Gem. Flowers fragrant; very dwarf compact habit; suitable for borders or pots.....	3c
ANTIRRHINUM (Snap Dragon). Tall, yields an abundance of fine cut flowers.....	3c
Dwarf. Makes the finest edgings. Finest mixed	3c
AMBROSIA. Hardy annual, with long spiral stems; exceedingly fragrant.....	3c
ASTERS. N., K. & Co.'s Imperial Mixture. Contains all the best strains and finest colors; an incomparable mixture. Sure to please.....	7c
Fire King. Flowers nearly scarlet. The most brilliant color in Asters.....	5c
Snow Ball. Snow white; flowers very large.....	5c
White Plume. Petals pure white; strikingly unique; exceedingly beautiful.....	8c
New Yellow. Bright sulphur yellow.....	5c
New White Branching. Distinct; beautiful; stems very large; flowers large, double white... Victoria. Magnificent flowers, massive and showy. All colors mixed.....	5c
Harlequin. A striking variety of great beauty and odd marking; flowers remarkably showy...	5c
Perfection. Flowers double, large and beautiful	4c

New Comet. Twelve to fifteen inches high, covered with large double flowers; petals curiously curved and twisted.....	Pkt. 4c
New Queen. Dwarf, bushy; excellent for pot culture and bedding; flowers double.....	4c
BALSAM. N., K. & Co.'s Imperial Mixture. Unrivalled for the great variety of color and size of flower; includes all the most desirable shades and colors.....	5c
Defiance. An excellent mixture; flowers large, double, many-colored.....	3c
Good Mixed. An excellent mixture, lacking only some of the high priced sorts contained in our Imperial Mixture.....	3c
BACHELOR'S BUTTON. Double. Contains many new colors and markings.....	4c
Single. includes all known colors.....	3c
BEGONIA, VERNON. Flowers are a brilliant orange carmine, with bright yellow centers. These are easily grown from the seed.....	5c
Tuberous Rooted. Single Mixed. Saved from the finest colors.....	10c
Tuberous Rooted. Double Mixed. From the finest colors.....	12c
Bridal Veil. Hardy perennial; invaluable for bouquets, edging and rock work; retains its color when dried.....	5c



Group of **ASTERS** from Northrup, King & Co.'s **IMPERIAL MIXTURE.**

This mixture embraces all the new and fine varieties. (See description.)



BALSAMS.—Northrup, King & Co.'s Imperial Mixture. It includes all the solid colors, striped varieties, Camelia Flowered, Rose Flowered, Shaded, etc. (See description.) Pkt.

CANNA. Crozy's New Dwarf. Flowers large, brilliant, embracing every shade of color, beautifully marked. Will bloom the first year if seed is soaked in boiling water over night..... 8c

Old Type. Finest mixed..... 3c

CALLIOPSIS or COREOPSIS. Single. Flowers large, bright, showy..... 3c

Double. (New) Flowers are of a rich golden yellow color with maroon spots..... 3c

CANDY TUFT. Snow Queen. Distinct and beautiful; forms a perfect mass of white; useful for borders..... 3c

CARNATION MARGUERITE. New Giant Flowering. Will bloom the first season from seed. The flowers are of many brilliant colors, are fragrant, very double, ranging through many shades of red, pink, white, etc., many too are variegated. The plants succeed alike sown in garden or in pots. Finest Mixed, pkt., 8c; White..... 10c



"DAWN." The New Cosmos.

Extra early and beautiful; comes into full flower in July and continues a mass of bloom until cut down by frost.

CAMPANULA. (Canterbury Bells.) Single Mixed. Pkt. A popular perennial producing bell shaped flowers of many colors freely throughout the summer..... 3c

Double Mixed..... 5c

CANARY BIRD FLOWERS. A beautiful annual climber. Foliage bright green, flowers golden yellow..... 8c

CENTAUREA MARGARET. (New.) One of the most valuable introductions of late years. Flowers are pure white, sulphur yellow and lavender. Sweet scented and lasting, valuable for cutting. From seed sown in the spring will flower until late in the autumn..... 5c

CINERARIA. The flowers possess a depth of color peculiar to themselves. Large flowering, best strain. Finest Mixed..... 10c

CHINESE LANTERN PLANT. The plant produces numerous, large, inflated husks, much the shape of Chinese lanterns, at first a beautiful green color, changing to a yellowish hue and then to brightest scarlet, and as they hang suspended among the green foliage they present a most novel and strikingly beautiful appearance. Branches cut and dried retain their rich and brilliant color, and make most beautiful winter bouquets when used with dried grasses or leaves. The plant grows from one and one-half to two feet in height. Treated like a Tomato it grows and fruits freely from seed the first season, yet the plants are perennial and may be wintered in the cellar or grown in pots as a window plant..... 5c

CHRYSANTHEMUM (French Marguerite) Annual. Much grown for cut flowers..... 3c

Perennial. Fancy strain. Seeds must be started early to bloom the first summer..... 10c

CLEOME PUNGENS. (Giant Spider Plant) A perpetual bloomer; flowers very showy; bright rose color, and blooms freely all summer..... 4c

COCKSCOMB. (Celosia.) Queen of Dwarfs. The best variety. Flowers are of a rich, ruby red of extreme brilliancy..... 5c

COBÆA SCANDENS. (Climber) Does well both indoors and in open ground. Flowers are large, bell shaped, green at first, but later change to a beautiful deep violet blue..... 5c

COLEUS. A well known foliage plant. Easily grown from seed. All colors mixed..... 8c

COSMOS. Dawn. The great obstacle to the more general cultivation of the Cosmos in the North, has been its lateness. Frost usually cutting them down just as they were coming nicely in bloom. The Grand New Cosmos Dawn will bloom in July from seed sown in spring. It has another advantage in being more dwarf than other varieties. Height about four feet. Flowers are white, rose tinted. Seed sown early and transplanted to open ground will produce plants covered with bloom until late. Pkt 25 seeds..... 15c

White. Flowers large, pure white..... 8c

Pink. Beautiful..... 8c

Pure Yellow. New and striking..... 12c

Finest Mixed. All colors..... 10c

CYPRESS VINE. A delicate vine. Flowers star shaped, scarlet and white. All colors mixed..... 6c

DAISY. Double. Flowers white, pink, red and variegated. Finest Mixed..... 5c

Snowball. Flowers are white, with long stems; nearly all double..... 5c

DAHLIA. Double. Easily grown from seed. Flowers the first season..... 8c

New Striped Single. Beautifully marked..... 3c

DATURA. Trumpet Flower. Flowers large, fragrant. Finest mixed..... 4c

DIANTHUS. (Chinese Pink.) All the newest shades and markings, single, fringed and double. Unsurpassed, finest mixed..... 8c

Good mixed..... 3c

Snowball. The flowers white and double..... 5c

ESCHSCHOLTZIA. (California Poppy.) Hardy annual. Flowers, large, rich golden yellow..... 3c

FEVERFEW. Double. A fine old-fashioned plant, valuable in any garden..... 3c

FORGET-ME-NOT. Blue, very pretty..... 4c

FUCHSIA. Easily grown from seed. Will flower first year in open ground. Finest varieties, double and single, mixed..... 20c

New Cape. Desirable new sort, crowded with showy scarlet drooping flowers..... 20c



No garden is complete without this delicate and graceful flower.



Marguerite Carnations. New Giant Flowering.

This magnificent race of Carnations flowers in a few weeks from seed sown in the spring. (See description.)

- | | | |
|--|------|--|
| GALLARDIA. Showy, fine for bedding. New, Double. Finest colors mixed..... | Pkt, | |
| Single. Finest mixed..... | 3c | |
| GERANIUM. Started early, this favorite flower can be produced from seed and will flower the first season. Finest mixed..... | 12c | |
| Good mixed..... | 5c | |
| GLOXINIA. Makes magnificent pot plants. Will bloom three months after seed is sown. A great array of beautiful colors. Finest mixed..... | 12c | |
| GOSETIA. Beautiful hardy annual; flowers large, delicate and of varied colors. Finest mixed..... | 3c | |
| HELIOTROPE. Seeds sown in the spring makes fine plants for bedding; are as easily grown as Verbenas. Finest mixed..... | 8c | |
| HELICHRYSUM. The most popular everlasting; many colors. Finest mixed..... | 8c | |
| HOLLYHOCK. Chater's finest strain. Perfectly Double. Flowers all conceivable colors. The finest strain of Hollyhock grown. If sown early the plants will bloom the first year... Common mixed..... | 15c | |
| ICE PLANT. Handsome and curious. Adapted for basket and rock work. The leaves and stems appear to be covered with icy crystals..... | 3c | |
| LANTANA. Well known shrub plants with clusters of Verbenalike flowers of different colors. Finest mixed..... | 5c | |
| LARKSPUR (Delphinium). Annuals of great beauty and rich colors. Finest mixed..... | 5c | |
| LILY OF THE VALLEY (Convallaria)..... | 20c | |
| LINARIA. (Kenilworth Ivy). A hardy perennial trailing plant for rock work and hanging baskets..... | 4c | |
| LOBELIA (Royal Purple). An elegant plant of easy culture, adapted for bedding, edging, etc. Rich purple in color..... Finest mixed..... | 5c | |
| MARIGOLD. Legion of Honor (New). Petals show a red cross on yellow ground. Very striking and beautiful..... | 4c | |
| ELDORADO. All shades of yellow..... | 3c | |
| French. Mixed. All the finest colors; very showy..... | 3c | |
| MARVEL OF PERU. (Four O'clock). Handsome flowers of great variety. Finest mixed..... | 5c | |
| MIMOSA. (Sensitive Plant). An interesting and curious plant. The leaves close and droop at the slightest touch..... | 8c | |
| MIMULUS. (Monkey Flower). Flowers are singular in shape and of many brilliant colors, blotched and spotted. Finest mixed..... | 3c | |
| MIMULUS MOSCHATUS. (Musk Plant). So named on account of the musky odor of the plant..... | 3c | |
| MORNING GLORY. Imperial Japanese. This beautiful new strain of Morning Glories must be seen to be appreciated. No description can do them justice. The flowers measure from 4 to 6 inches across; the colors, tints and markings are of | | |

incomparable beauty. Some flowers are of solid colors, others are striped, starred and spotted, while others have magnificent edges and throats. The vines are of robust growth, attaining a height of 30 to 50 feet. The foliage too is very beautiful, some of the leaves being green, others yellow, and still others mottled and checkered. Single and double, mixed..... 5c
Convolvulus. (Major). The common Morning Glory. All colors mixed..... (oz., 8c) 3c
MIGNONETTE. Sweet. The most fragrant variety..... (oz., 8c) 3c
Machet. Spikes are massive, covered with deliciously scented red flowers..... 3c
Golden Queen. Flowers are of golden hue and fragrant..... 3c
Giant White. Pure white in color; quite showy in growth; not fragrant 3c



Double Dahlia.

Easily grown from seed. Flowers the first season.

NASTURTIUM—DWARF MIXED. N., K. & Co.'s Imperial. In this mixture is represented almost every known variety. It is made up by ourselves from named sorts. For variety of markings and brilliancy of coloring it has no superior. (oz., 15c; ¼ lb., 40c; 1b., \$1.25)..... 7c
Dwarf. Good mixed. This is an excellent mixture, but does not contain as many varieties as some of the more expensive sorts found in our Imperial Mixture. (oz., 8c; ¼ lb., 25c; 1b., 75c)..... 3c
Brilliant Dark Scarlet...... (oz., 30c) 8c



Chinese Lantern Plant.

One of the greatest novelties of the season. See description.



New Japanese Morning Glory.

The flowers are large, of incomparable beauty, and of almost limitless variety of shadings, colorings and markings. (See description.)

- | | | |
|--|------------|------|
| Canary. Beautiful, pure yellow..... | (oz., 30c) | Pkt. |
| Chestnut. Brown, very rich..... | (oz., 30c) | 8c |
| Spitfire. Brilliant scarlet..... | (oz., 30c) | 8c |
| Giant of Battles. Sulphur, spotted with red | (oz., 30c) | 8c |
| Lady Bird. Golden yellow, barred with crimson..... | (oz., 30c) | 8c |
| King of Blacks. Very dark, almost black..... | (oz., 30c) | 8c |
| Madame Gunther. The new climbing Nasturtium. A new section obtained by artificial hybridizing, and distinguished by dark-colored foliage and flowers of a richness and variety of coloring not to be found in any of the different classes of Nasturtiums heretofore grown. Colors in these new hybrids include various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined oz. 20c, ¼ lb. 60c, lb. \$2.00..... | | |
| Lobb's Climbing. Tall. These should not be confounded with the common tall Nasturtium, as they surpass them by far in the remarkable brilliancy of the flowers. Finest mixed (oz., 30c; ¼ lb., 75c; lb., \$2.50)..... | | 10c |
| Tall. Capital mixture, but the flowers do not possess the brilliancy and depth of coloring of the Lobb's Nasturtium (oz., 10c; ¼ lb., 25c; lb., 90c)..... | | 5c |

OXALIS. Very desirable for edgings..... 3c
ORNAMENTAL GRASSES. Many of these are handsome in growth and all are desirable for winter bouquets, if cut while green and dried in the shade..... 4c



Nicotiana.

Delightfully sweet scented; pure white flowers, blooming continually.

PANSY. N., K. & Co.'s Imperial German. Unrivalled for diversity of coloring and marking. This mixture is made up from over 100 of the finest named varieties, grown by Pansy specialists of the Old and New World. In the making up of this mixture, expense is not regarded. Our aim is to possess the finest mixture of Pansies obtainable. We have never seen its equal. The diversity of colorings and markings is almost beyond belief. We will cheerfully return money paid for this mixture to anyone who says it is not the finest they

ever saw. Pkt. containing 50 seeds, 12c; 100 seeds, 15c; 600 seeds, 50c; 1000 seeds, 75c.
Good Mixed. An excellent strain (oz., \$1.50)..... 3c
N., K. & Co.'s Giant Fancy. While all the Pansies in our Imperial Mixture are large, we do not include in its make-up many of the Giant sorts, for as a rule many of our customers prefer to buy them separately. Great improvement has taken place within the last 2 or 3 years, however, in the character of the largest Pansies. Our Giant Fancy is the finest mixture of large varieties..... 7c
Royal Show. A well known English mixture containing many fine varieties..... 5c
Fire King. The best Red Pansy known..... 7c
Snow Queen. Ivory white, with scarcely any discoloration about the eye..... 4c



Sweet Fignonette.

- | | |
|--|------|
| Peacock. English variety. Beautiful ultra-marine blue..... | Pkt. |
| Golden Beauty. Finest yellow pansy..... | 4c |
| Sweet Scented. The result of crossing the Pansy with the Sweet Violet. Flowers are of good size and of endless variety. Quite fragrant.... | 5c |



Large Flowering Petunia.

This strain, with its magnificent range of colors, is a great improvement on ordinary mixtures. [See description.]

- PETUNIA.** N., K. & Co.'s Extra Large Flowering. Mixed. This mixture embodies all the best varieties and will prove an agreeable surprise even to those who expect much. All odd and notable kinds, black, crimson, white with yellow throats, marble veined, striped, variegated, etc. N., K. & Co.'s Fine Double Mixed. Will produce about thirty per cent of double flowers. Hybrid. Good mixed. Excellent for bedding; shows many colors. Lady of the Lake. Pure white. Double fringed, large flowering. Our strain of this magnificent double white Petunia has given great satisfaction. Produces about thirty per cent double flowers.
- PHLOX DRUMMONDII.** Grandiflora. Large, flowering. Their richness of coloring and long duration of bloom make them a gratifying feature of any garden. Good Mixed. Colors are excellent, but flowers not as large as preceding. Starred and Fringed. New race of Phlox. Many distinct and beautiful shades. Perennial. Finest mixed; very desirable for bedding or border. Hardy.
- POPPY.** N., K. & Co.'s Imperial Mixed. Single and Double. For great number of varieties, richness and diversity of coloring this mixture is not surpassed. Shirley. Flowers are large; colors varied. One of the finest sorts. Fairy Blush. Flowers are immense. Double. Petals fringed. Iceland. (Perennial). Produce various colored flowers in great abundance the first year. Tulip. New, fine for bedding. Flowers tulip-shaped. White Swan. Flowers enormous size, perfect form, very double. Snow White.
- PORTULACA.** Double mixed. Very showy and beautiful. Only about 70 percent. double flowers can be expected from the finest mixtures. Single. All colors mixed.
- PRIMULA.** (Chinese Primrose.) The colors include crimson, pink, white, maroon, and the new Holborn blue. Our stock is the celebrated Hays & Wetherall strain of seed, costing us at the rate of \$1.100 a pound in England. Double. An excellent mixture; all colors.
- PRIMROSE.** New English. Colors are beautiful. Splendid for borders. Fine for growing in beds.
- RICINUS.** (Castor Oil Bean.) Fine foliage plant. Choice varieties mixed.

Pkt.

15c

15c

3c

20c

6c

3c

4c

5c

5c

3c

3c

5c

5c

5c

5c

5c

5c

14c

20c

7c

5c



NASTURTIUM.

Northrup, King & Co.'s Imperial Dwarf Mixed.

In this magnificent mixture is represented almost every known variety. It has no superior. [See description.]

Pkt.

5c

Zanzibariensis. A new Castor Oil Bean from Africa. The plants attain great size. Leaves are enormous, often measuring two feet across.

SALPIGLOSSIS. Grandiflora. Should be found in every garden. Easily grown. Flowers vary in shade from light blue and straw color to deepest purple and richest brown.

SCABIOSA. (Morning Bride.) Double black.

Snowball. Flowers, large, pure white.

SCARLET SAGE. (Salvia Splendens.) One of the grandest plants in cultivation. Flowers brilliant and bloom continually. Easily grown from seed.

SWEET PEAS. N., K. & Co.'s Imperial Mixed. The Finest mixture obtainable. In making the claim that our Imperial is the finest mixture of Sweet Peas obtainable, we are sustained not only by our own experience but by the testimony of a great number of delighted customers who have used this mixture for years. Like our Imperial German Pansy, it is made up regardless of expense; the aim being to secure in this combination the largest flowering sorts and finest possible range of colors. Oz. 15c; ¼ lb. 30c; lb. \$1.00.

N., K. & Co.'s Good Mixed. This is a most excellent mixture, embracing the best standard varieties and all colors. Oz. 6c; ¼ lb. 10c; lb. 40c.

A NEW FEATURE IN MIXTURES.

Pure White Varieties Mixed. Includes, Alba Magnifica, Emily Henderson, Mrs. Sankey, Queen of England, Blanche Burpee, etc., Oz. 10; ¼ lb. 25c; lb. 60c; postpaid.

Pink and White Varieties Mixed. This mixture does not include any of the pure white varieties, only white in combination with pink. It embraces, Adonis, Apple Blossom, Blanche Ferry, Duchess of Edinburgh, Duchess of York, Duke of York, Empress of India, Isa Eckford, Katherine Tracy, Miss Hunt, Mrs. Gladstone, Ovid, Painted Lady, Peach Blossom, Princess Beatrice, Princess Victoria, Royal Robe, etc. Oz. 8c; ¼ lb. 20c; lb. 60c; postpaid.

Dark Varieties Mixed. Includes America, Boreatton, Captain of the Blues, Carmen, Imperial Blue, Indigo King, Monarch, Purple Prince, Stanley, etc. Oz. 8c; ¼ lb. 20c; lb. 55c; postpaid.



Specimen Pansy from Northrup, King & Co.'s Imperial German.

In the making up of this mixture expense is not considered. We aim to make it the finest obtainable. We will cheerfully refund money paid for this mixture to any one who says it is not the best they ever saw.



Phlox.



New Dwarf Polyantha Rose.

Roses from seed the First Year. This remarkable little plant is a native of Lyons, the home of Roses, and promises to be the first of a new race of remontant, or Ever-Blooming Polyanthas; They bloom in four months after sowing, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season, giving about an equal proportion of single, semi-double and double flowers borne in clusters. The plants grow about one foot high; very herdy and may be treated as annuals. *Flt.* 30 seeds, 6c.

ROSE, MULTIFLORA TRUE. A much dwarfier growing variety than the "Polyantha," blooming more freely the first season from spring sown seed, and contains all the tints and colors of cultivated Roses. Seed rare and scarce, *Flt.* 20 seeds, 10c.

New Double Sweet Peas. Double sweet peas are interesting as showing the efforts that are being made in developing the possibilities of the Sweet Pea. Our mixture embraces all the best colors, Oz. 10c; $\frac{1}{4}$ lb. 35c; postpaid.....

Pkt

5c



Specimen Poppy from Northrup, King & Co.'s Imperial Mixture.

All the gay and brilliant colors represented in this superb mixture. [See description.]

SWEET PEAS IN SEPARATE COLORS.

Pkt.

Apple Blossom. Bright rose and pink; very beautiful. Oz. 8c; $\frac{1}{4}$ lb. 20c.....

3c

Blanche Ferry. The earliest. Flowers pink and white, large and very fragrant; stems long. Oz. 7c; $\frac{1}{4}$ lb. 20c;.....

3c

Blanche Burpee. Largest pure white. Oz. 10c; $\frac{1}{4}$ lb. 30c;.....

5c

Bronze King. Terra cotta tint; wings ivory white. Oz. 8c; $\frac{1}{4}$ lb. 25c;.....

3c

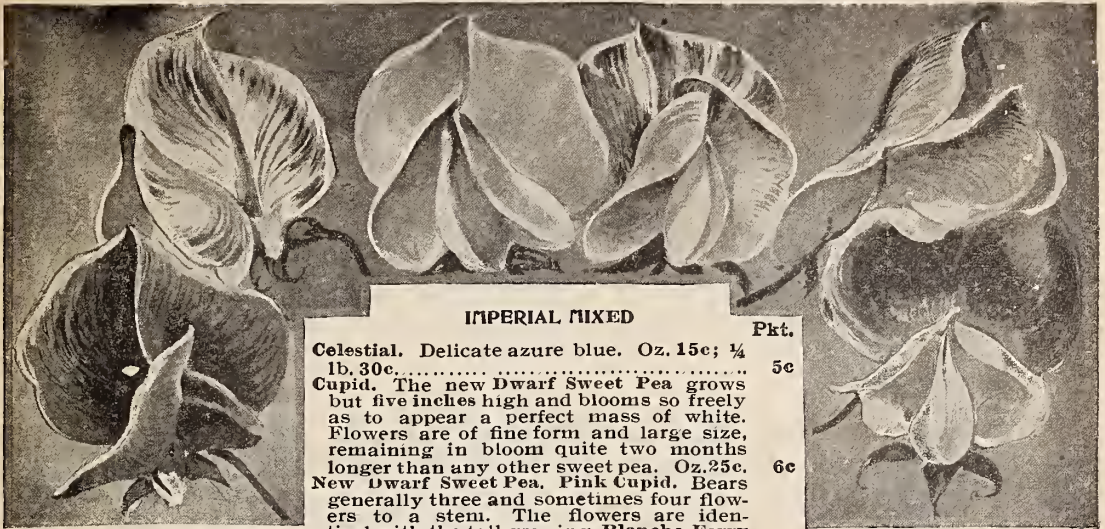
Captain Clarke. White and lavender, streaked with carmine. Oz. 8c; $\frac{1}{4}$ lb. 20c;.....

3c



Mammoth Flowering Verbena.

The largest Verbena known, a single flower often being as large as a twenty-five cent coin. For Garden beds or effective massing, this Verbena is unequalled. [See description.]

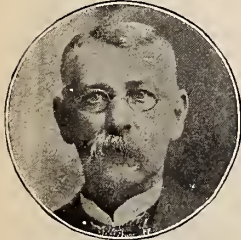


IMPERIAL MIXED

Celestial. Delicate azure blue. Oz. 15c; ¼ lb. 30c. Pkt. 5c
Cupid. The new Dwarf Sweet Pea grows but five inches high and blooms so freely as to appear a perfect mass of white. Flowers are of fine form and large size, remaining in bloom quite two months longer than any other sweet pea. Oz. 25c. 6c
New Dwarf Sweet Pea, Pink Cupid. Bears generally three and sometimes four flowers to a stem. The flowers are identical with the tall-growing *Blanche Ferry* and are always fully equal in size. The standard is a bright rose pink, while the wings are pure white or light pink. It will be without a rival as a bedding and border annual, for its color and fragrance make it a rare novelty. The seed we offer was secured direct from the introducer in Sealed Packets containing 12 seeds. Price 15c, or 2 Packets for 25c.

NORTHROP, KING & CO.'S

SWEET PEAS.



MR. VAL RECKER



MR. LEROY N. BROWN.

LAKE CITY, Aug. 3, 1897.
 NORTHROP, KING & Co.,
 Minneapolis, Minn.,

Gentlemen.—I am well satisfied with the seed purchased from your house last spring. We have a beautiful display of pea blossoms of varied colors, from the Imperial Mixed Sweet Peas, and believe that every seed "bore its fruit."

Yours truly,
 VAL RECKER.

Emily Henderson. White, flowers large, very early. Oz. 7c; ¼ lb. 20c. Pkt. 3c
Firefly. The best of all scarlets. Oz. 8c; ¼ lb. 20c. 3c
Gaiety. Crimson stripes on white ground; stems long. Oz. 15c; ¼ lb. 30c. 5c
Her Majesty. Large bold flowers of a beautiful rose color. Oz. 10c; ¼ lb. 25c. 5c
Mrs. Gladstone. Soft blush pink. Oz. 8c; ¼ lb. 20c. 3c
Mrs. Joseph Chamberlain. Striped; bright rose on white. Oz. 10c; ¼ lb. 35c. 4c
Mrs. Sankey. One of the finest white varieties. Oz. 8c; ¼ lb. 20c. 4c
Primrose. The nearest approach to a yellow sweet pea. Oz. 8c. 3c
Red Ridinghood. Hooded form. Oz. 20c. 5c
Stanley. Rich dark maroon. The finest dark variety. Oz. 10c; ¼ lb. 20c. 4c
Venus. Large expanded form. Color rich salmon buff. Oz. 10c. 5c
SOLANUM. (Jerusalem Cherry.) Miniature Orange Tree. Fruit scarlet. Beautiful. 3c
STO 'KS. Large Flowering Ten Weeks. Fine for cut flowers, both on account of diversity of color and fragrance. 4c

CLYDE, O., Aug. 9, 1897.
 NORTHROP, KING & Co.,
 Minneapolis, Minn.,
 Gentlemen: The seeds we got from you this spring were all right and are in every respect equal to, if not better, than any previous season. The Sweet Peas and the Fancies were perfection, and delighted the boys and the girls, as well as the older members of the family. Respectfully,
 LEROY N. BROWN & SONS.

STOCK, Evening Scented. No annual in cultivation equals this in delicate perfume of its flowers. The Pkt. 8c
SWEET WILLIAM. (Dianthus Barbatus.) Hardy perennial. Mixture of many colors and varied markings. 3c
THUNBERGIA. (Black Eyed Susan.) A very elegant climber. They flower all summer. Best mixed 3c
MAMMOTH VERBENA. The largest Verbena known, a single flower often being as large as a twenty-five cent piece. For garden beds or effective massing the verbena is unequalled. They bloom profusely the first year from seed, the flowers lasting until late in the autumn. Our mixture is made up of the most brilliant colors. Large pkt., (about 60 seeds), 5 cts.; 3 pkts., 12 cts.
Verbena Hybrida. The flowers are smaller, but the colors are very fine. Large pkt., 3c; 4 pkts. for 10c.
Verbena, Lemon Scented. This fragrant plant is easily grown from seed, and succeeds well anywhere. Have a good bed of it in the garden over summer, Pkt. that you can cut its fragrant foliage and flowers, to make up with bouquets. 5c
 3 pkts. 12c.



Salpiglossis.

Should be found in every garden. Unrivalled even by the Japanese Morning Glory in its marvelous display of color. [See description.]

Verbena, Pure White. A fine strain of large flowering, pure white Hybrid Verbena; trusses large and borne freely at all times; comes true from seed. 3 pkts. 12c. 5c
VINCA ROSEA. A free flowering perennial, with glossy green foliage and beautiful circular flowers of a fine rose color. If sown early under glass, and transplanted in a warm situation, blooms in summer and autumn. 3 pkts. 12c. 5c
VIOLET. The violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a room. Hardy perennial. Finest mixed. 5c
ZINNIA. Giant Mammoth. A superb new class of Zinnias, giant in size, and perfectly double flowers of richest, most varied colors and shades. Plants grow 3 ft. high, blooming freely during long period; particularly valuable for groups. Choicest mixed. 5c
Double Lilliput. Dwarf, compact bushes, with very small, perfectly double flowers of brightest colors. 5c
Zinnia. Choice double mixed. 3c



Evening Scented Stock.

5c While the flower is pretty, its great charm lies in the sweet and powerful perfume it emits in the evening, when the flower opens. [See description.]
 5c
 3c

Northrup, King & Co.'s School Garden Flower Mixture.



\$50 IN CASH

For the Greatest Number of Varieties Grown from a Single Package

The above amount will be paid in cash to those reporting or
or before Nov. 1st, 1898, the greatest number of varieties of flowers
grown from one package, as follows:

First Prize, \$25.00 2d Prize, \$15.00. 3d Prize, \$5.00. 4th Prize, \$3.00. 5th Prize, \$2.00

The original envelope containing the seed must be
returned to us with the report.

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FLOWER LOVERS everywhere will be glad to know something of the work that is being done by the Woman's Improvement League of Minneapolis toward interesting the children of the Public Schools of the city in the culture of flowers. In 1893, the Ladies' Improvement League distributed among the children of the various schools several thousand packages of flower seeds which we supplied. Handsome pictures which were to be donated to the schools attended by the successful competitors were offered as prizes. The children took up the work with great enthusiasm, and the interest kindled has grown year after year, until the spring of 1897, when we furnished the Flower Committee with ten thousand packages of seeds made up of the handsomest and most easily grown varieties. A systematic inspection of each little garden showed results which were almost beyond belief. The mixture referred to was made up especially for the purpose, and has proven so successful that we decided to offer it for sale. We have called it **Northrup, King & Co.'s School Garden Mixture**. It is made up of most beautiful, interesting and easily grown annual varieties. Package (containing enough seed, when transplanted, or a bed 30 feet square) at the low price of 10c; 4 pkts, 30c. Full directions are printed on each package.

We Will Make Low Prices to any Public School (City or Country) Wishing to Buy this Mixture in Quantity.

This mixture should be popular with everyone. Even practiced floriculturists will find much to interest and surprise them, in the variety and beauty of the flowers, while children are simply delighted, and can scarcely wait until the flowers are unfolded, in their anxiety to see what it is "going to be."

The following statement from Prof. Chas. M. Jordan, Supt. of Public Schools, Minneapolis, and that of Mrs. Barnard, Chairman of Flower Committee of the Minneapolis Improvement League, under whose auspices the seeds were distributed, show the interest taken in the work, and the satisfaction our School Garden Mixture has given:

Minneapolis Public Schools,

CHAS. M. JORDAN, Supt.

Office Hours:
Monday, Wednesday and Friday,
4 to 6 P. M.
Saturday, 8:30 to 9:30 A. M.

MINNEAPOLIS, Nov. 1st, 1897.

NORTHROP, KING & CO.

COR. Hennepin Ave. & 1st St., City.

Gentlemen: I desire to express the obligations under which the public schools of this city are to your firm for the interest you have shown in the flower work organized among the pupils of the public schools by the Woman's Improvement League. This movement has already accomplished a great work. It has interested thousands of the school children in the cultivation of flowers, and has done a great deal toward beautifying the city. Many an unsightly yard has been transformed into a beautiful flower garden by means of the flower seeds which were generously contributed by Northrup, King & Co. These seeds, so far as I have been able to observe, "always grow."

Yours very truly, CHAS. M. JORDAN, Supt.

NORTHROP, KING & CO., City,

Kind Sirs: Please accept sincere and hearty thanks from the Minneapolis Improvement League for your generous gift of seeds for nine thousand children. I wish to express the highest praise for the "School Garden Mixture," as it has yielded in many cases wonderful results. I wish that I had accomplished my purpose last year and taken photographs of some of the little gardens. As high as **One Hundred and Fifty Plants** have been reported from some of the packets. Many of the gardens were most beautiful. Respectfully,

MILDRED M. BARNARD,

Chairman Flower Committee
Minneapolis Improvement League.

MINNEAPOLIS, May 1st, 1897.

Our checks for the amount due the prize winners will be forwarded as soon after Nov. 1st as the decision can be made. The names and (if possible) the pictures of successful competitors will be given in our catalogue for 1899. While all cannot win the cash prizes, everyone who purchases a package of the School Garden Mixture will feel amply repaid for their investment in the beauty and variety of flowers they secure.

"The School Garden Mixture is a good one."

S. A. BEDFORD,
Supt. Experimental Farm for Manitoba, Dominion of Canada.

SUMMER FLOWERING BULBS FOR SPRING PLANTING.

For this list we have selected those bulbs, which while inexpensive are most beautiful and most easily grown. Their culture is simple, and most of them flower the first summer. The bulbs may be kept over winter and will continue to multiply, year after year. A small investment in any of these bulbs will well repay the purchaser.

PLEASE NOTE CAREFULLY. All bulbs and roots will be sent by mail or express, charges prepaid, when ordered at single or dozen rates. At the 100 rate they will be sent by express or freight, the purchaser paying the charges, unless otherwise stated. Not less than six of any one variety supplied at dozen rates, and not less than 25 at the 100 rate. Orders with money should be sent us as early as possible, and they will be filled in rotation. Bulbs subject to injury by frost will not be sent until such danger is over.

LILIES.

CULTURE. Plant as soon as frost is out of the ground, in fine rich soil, mixed with sand. Set the bulbs from 3 to 5 inches deep, according to size. No water should be allowed to stand around the roots. Once firmly established, they will stand for years.

Lilium Auratum. (The Golden-Rayed Lily of Japan). Flowers are immense, 10 to 12 inches across, very fragrant, color ivory-white, studded with crimson spots and a bright golden band through the center of each petal. Bulbs 15c; 2 for 25c; doz., \$1.30.

Lilium Rubrum. The famous "Ruby Lily" of Japan. It would be difficult to exaggerate the beauty of this glorious lily. The six broad petals dotted with carmine spots. Very fragrant. Bulbs 15c each, 2 for 25c; doz., \$1.30.

Lilium Album. Pure white, very fragrant. Bulbs, 20c each, 3 for 50c; 7 for \$1.00.

Lilium Longiflorum. The pure white flowers resemble the well known Bermuda Easter Lily and are very fragrant. 15c each 2 for 25c; doz., \$1.25.

Lilium Tigrinum, Splendens (Improved Single Tiger Lily). Has very large flowers of excellent form; color, orange-salmon with dark spots. 15c each, 2 for 25c; doz., \$1.25.

Lilium Tigrinum, flore pleno, (Double Tiger Lily). This magnificent lily is of stately habit, bearing clusters of very large double flowers on tall, strong stems; color, bright orange-red, spotted with black. 15c each, 2 for 25c; doz., \$1.25.

Jacobean Lily (*Amaryllis Formosissima*). The brilliant deep scarlet flowers are often eight inches across and in purity and brilliancy of color are unsurpassed. 15c each, 2 for 25c; doz., \$1.25.

GLADIOLUS.

On account of its intrinsic merit alone, the Gladiolus is entitled to the high rank it holds among flowers; but when is considered, also, how easy is its culture, and for what a small sum a splendid assortment can be secured, it seems a matter of surprise that they are not found around every home. The flower is most beautiful and lasting, and the infinite variety of color and marking render their cultivation very interesting.

CULTURE. They thrive in almost any good soil, except a stiff clay, require full sunlight, and are only liable to injury from rank manure. Plant the bulbs six to nine inches apart, the large ones four inches and the small ones two inches deep. Make an early planting of the smallest bulbs first as soon as the ground is sufficiently dry and warm. Continue to plant at intervals of two weeks during the spring and early summer; in this way a succession of bloom may be had from midsummer until frost. In autumn, before freezing they should be dug and dried the earth and old bulbs removed, and then stored in a cool dry place, secure from frost until spring.

N. K. & Co.'s Imperial Gladiolus Mixture. Those who have had this mixture know it to be a grand one. For many years we have been adding to it from the new and high priced varieties as they made their appearance, and we mean it to include every desirable sort. It has been our experience that comparatively few people try the named varieties. So we have made a specialty of our Imperial mixture and the plan adopted in their growth by which they are cultivated much like potatoes or corn enables us to offer them at a price ridiculously low compared with what is asked for them ordinarily. At these prices they should go like hot cakes. 4 for 10c; doz., 25c; per 100 \$1.30, postpaid; by express or freight, per 100, 90c.

Gladiolus Mixtures.

These mixtures must not be confounded with the common mixed sorts. We recommend this stock with perfect confidence, as it is composed only of choice varieties. Single and doz. prices include postage. The 100 rate is by express at purchasers expense.

Shades of pink mixed each, 3c; doz., 30c; 100, \$1.75.

Shades of red mixed, each, 3c; doz., 20c; 100, \$1.00.

Shades of Yellow mixed, each, 4c; doz., 40c; 100, \$2.50.

White and light varieties, each, 4c; doz., 40c; 100, \$2.50.

Striped and variegated mixed, each, 4c; doz., 40c; 100, \$2.50.

Lemoine's Butterfly (large strained) varieties mixed, each, 4c; doz., 40c; 100, \$2.50.



Gladiolus.



Golden Rayed Lily of Japan.

GLADIOLUS SEED.

One of the most interesting branches of Gladiolus culture is the growing of bulbs from the seed. No skill or special care is required, and in the course of two or three years flowering bulbs will be secured. It is not only a very interesting and inexpensive way of securing a fine stock of bulbs, but there is almost sure to be found new sorts that are the results of hybridization and which could not be secured in any other way. Our seed is from the finest flowers and embrace hundreds of markings and colors. Gladiolus seed, pkt., 10c; oz., 25c, postpaid.

DAHLIAS. The extraordinary beauty of the new varieties of Dahlias that have been recently added to the already large and wonderfully varied list, have renewed the old time interest in this majestic flower. Certainly no flower is more worthy of special attention. Our assortments comprise all the positive colors, in most striking shades.

CULTURE. A good mellow soil, thoroughly enriched with well-rotted manure, and an abundance of water upon the plants as well as at the roots during dry hot weather, is the secret of success. Water overhead daily or oftener in hot weather. Splendid flowers in the hottest, driest season is the result. The tubers should not be put into the ground until settled weather, say May 20. Will book orders anytime, but will not fill until about May 1.

	Each	Doz.		Each	Doz.
Double Pink.....	18c	\$1.80	Double Mixed.....	15c	\$1.60
" Scarlet.....	18	1.80	Single Mixed.....	15	1.60
" White.....	18	1.80	Cactus Dahlias (mixed)...	18	1.80
" Yellow.....	20	2.00			

BEGONIAS. (Tuberous Rooted). The flowers are very large and brilliantly colored, embracing every shade of pink, rose, white, scarlet, yellow and orange. Planted out-doors they present a dazzling show until killed by frost. Single: Scarlet, Orange, Pink, White, Yellow and Crimson. Each, 10c; doz., \$1.00. Double: Scarlet, Orange, Pink, White, Yellow and Crimson. Each, 25c; doz., \$2.50.

BEGONIA CULTURE. For growing in pots or boxes in the house, plant in rich, sandy soil, give good drainage and water freely after the leaves start, but do not let the soil become sour from over watering. If it is desired to have a bed outdoors, select a shady, moist situation, making the bed rich with thoroughly rotted manure and leaf mold, if obtainable. Plant as soon as danger from frost is over. After the plants start into vigorous growth, keep well watered.

LILY OF THE VALLEY. These beautiful flowers which are equally adapted for conservatory, the parlor or for out-door planting, are so fragrant, so prolific and so easily produced, that they should be found in every garden. Planted out-doors they blossom early in the spring, multiply rapidly, will reappear every year, are perfectly hardy and need no protection.

CULTURE. Lily of the Valley pips should be set in a moist shaded situation.

Best Berlin Pips. Doz., 25c; per 100, \$1.50, postpaid. Write for price on lots of 500 and upward.

TUBEROSE, Double Dwarf Excelsior Pearl. The flowers of the Double Dwarf Pearl are larger, and more numerous than in the common type. They are so fragrant that they perfume the atmosphere for some distance around.

CULTURE. Fill five inch pots half full with cow manure and on top of this good rich earth mixed with sand. When the weather is warm the pots may be set out-doors in earth. At the approach of cold weather the pots may be lifted from the earth and brought indoors.

TUBEROSE, DOUBLE DWARF EXCELSIOR PEARL (Choice Bulbs). Each 3c; doz., 28c; 100, \$2.00, postage paid. By express at purchasers expense, 100, \$1.25; 500 @ 90c.

VARIEGATED LEAF TUBEROSE. This is an early single kind with striped foliage. Each 7c; doz., 80c.

ALBINO. Flowers single, star shaped, pure white. Each 8c; doz., 85c.

CALADIUM ESCULENTUM, (Elephant Ears). A striking foliage plant. Leaves very large, often three to four feet long and nearly as wide. Very effective on lawns. Each 15c; doz., \$1.40. Extra large bulbs, each, 22c; doz., \$2.35 postpaid.

CULTURE. Plant in rich soil and water freely.

OXALIS. Blossoms throughout the summer and Fall. Foliage graceful and pleasing. White and rose pink. Doz., 8c; 100, 34c, postpaid.

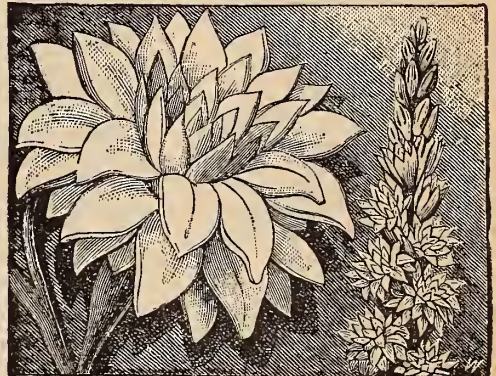
GLOXINIA. Magnificent. Will bloom in six weeks from the planting of the dry bulb. Their splendid trumpet shaped flowers are exquisitely tinted, blotched or tigered with minute dots of violet, pink or crimson. Bulbs, each, 18c; 3 for 50c. Seed, per packet of 100 seeds, 12c. Will bloom in three months from seed.

MADERIA VINE. (Mignonette Vine). A climber with glossy green leaves. Flowers white and fragrant. Grows very rapidly and will cover the side of a small house in a single season. Each, 7c; 3 for 15c; doz., 50c, postpaid.

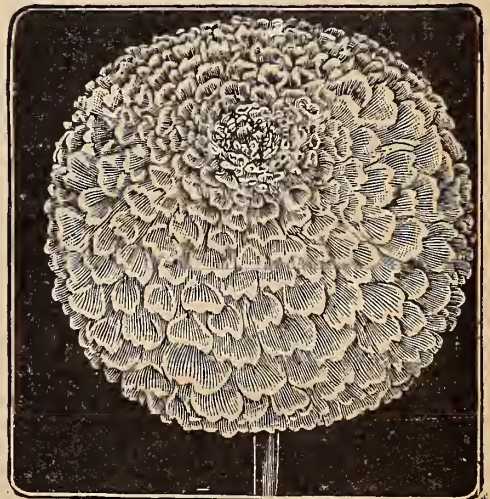
CINNAMON VINE. A climber that grows very rapidly. Foliage bright and lively. Each, 7c; 3 for 15c; doz., 50c, postpaid.



Lily of the Valley.



Excelsior Tube Rose.



Dahlia.

IS YOUR LAWN FADING ?**ARE THE GRASSES DYING ?**

If so, Do not Disfigure Your Lawn, Offend Your Senses, or Fill Your Ground with Weed Seeds by using Stable Manure, but apply **EXCELSIOR LAWN DRESSING**. **EASILY APPLIED. NON-ODOROUS.**

N. K. & CO.'s EXCELSIOR LAWN DRESSING.

Is a fertilizer especially prepared for LAWNS. It possesses in the highest degree and concentrated form those constituents best calculated to **NOURISH THE GRASS**, promote its **LUXURIANT GROWTH**, and the **DARK GREEN COLOR** so greatly admired. It is not only the **MOST PERFECT LAWN DRESSING** that has been devised, but it is the most pleasant to handle, being **NON-ODOROUS**, so that its liberal use on a lawn cannot be detected by any unpleasant odor. Being dry and fine it is **EASY TO APPLY**, and imparts such a **VIGOROUS GROWTH** to the grass that two or three applications during the season at the rate of one pound to each 100 square feet of lawn keeps the grass in flourishing condition throughout the season, and enables it to withstand the effect of the hot summer sun. We prepare but one kind of Lawn Dressing. This we do not believe can be excelled. It is put up in bags containing our brand. By express or freight, bag of 10 pounds, 75c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.



Root of Grass showing Need of Fertilizer.

How to Apply the Excelsior Lawn Dressing.

The first application should be made early in the spring as soon as the frost is out of the ground. Care should be taken to scatter it evenly over the lawn, sowing it by hand. The first application should be made at the rate of 10 to 15 pounds fertilizer to every 1,000 square feet of lawn surface. If at any time afterwards it be noticed that the lawn is thin and light colored in spots a further application of Fertilizer will speedily restore its color. The fertilizer works best if applied just before a rain. If applied, however, when the weather is hot and dry, the application should be made early in the morning or late in the evening, and the lawn wet down freely, immediately afterwards. In seeding down a new lawn, apply broadcast, double the amount above mentioned, and rake it in thoroughly before sowing the seed.

The Use of Excelsior Lawn Dressing on Flowers.

By its judicious use, the health, vigor and free blossoming character of flowers will be greatly enhanced. The result of its use on flower beds is quickly seen by the dark green leaves and high color of blooms produced. To fertilize bedding plants, stir a teaspoonful, or more, according to the size of the plant, into the soil about each plant, and repeat two or three times during the season. After the fertilizer is used, water the plants freely.

FOR HOUSEPLANTS, dissolve one teaspoonful of Fertilizer in one quart of water, and use the solution freely around the plants, stirring the solution while applying. It may be applied as often as the plant seems to require it; once every week or ten days until they are in the desired condition.



Root of Grass showing the effect of using Excelsior Lawn Dressing.

POULTRY FOOD.

A Celebrated Artist, when asked with what he mixed his paints, replied "**WITH BRAINS.**" Precisely so does a progressive Poultry Keeper mix his rations.

CRUSHED OYSTER SHELLS.

The most frequent cause of **HENS NOT LAYING** is the absence in the food of **CARBONATE OF LIME**. As **CRUSHED OYSTER SHELL** is practically pure Carbonate of Lime, it supplies, when fed to poultry, this most essential element, and greatly aids in the formation of the egg.

Advantages gained by the use of Oyster Shells.

It prevents "Cholera"; It keeps the poultry healthy; It makes hens lay an egg per day; It prevents soft shell eggs; It prevents Hens from eating their eggs; It makes the egg shell strong enough to carry without breaking; It contains many essential components of the egg; It makes eggs larger and heavier.

When you buy 100 lbs. of "Peerless" Brand Crushed Oyster Shells, you get 100 lbs. of Shells, not 15 to 20 lbs. of dust and dirt mixed in, as our brand is specially cleaned.

To get best results in Poultry Raising, the use of something of the kind is positively necessary. Every poultry house or yard should have a pan or trough full, so that the fowls can have access to them at all times. Put up in 100 lb. bags, our price, bag included 90c per 100 lbs.

Our Catalogue of Poultry Supplies, is now in preparation, write for it. It will save you money.

MICA CRYSTAL GRIT.

Hens having no teeth, should be kept constantly supplied with some sharp material, to grind and masticate their food.

Mica Crystal Grit is superior to all other forms, as it is not only sharp and hard, but its properties are such that it acts as a tonic, and contributes largely to the health and productive power of the Fowl. Our price, for 100 lbs., (bag included) 90c. **GROUND BONE.** Per lb., 5c; per 100 lbs., \$3.00; bags free.

BIRD SEED.

Add 10 cents a pound for postage if wanted by mail

We handle large quantities of Bird Seed, and can supply it either mixed or in bulk. We desire to call special attention to our Sterling brand, and to our Re-cleaned Canary, Hemp, Millet, Rape, etc., and to our very reasonable prices.

N. K. & CO.'s STERLING BIRD SEED.

This mixture is so vastly superior to the mixtures usually put up under the name of "Bird Seed," (much of which is simply rubbish) as to cause the Sterling Brand, to meet with a steady sale wherever it is once introduced. It is an honest package of bird seed, made up from the finest and cleanest quality of re-cleaned Sicily Canary, Russian Hemp, German Rape and Imported Millet, contains a large piece of Cuttle Bone and weighs without the package 16 ounces to the pound. It is always packed in a round box, with red wrapper and under our registered trademark. Price 10c a lb., 3 lbs. for 25c.

BIRD SEED IN BULK.

Add 10 cents a lb. if wanted by mail. 10 lbs. or over supplied at the 100 lb. rate.

Canary.....	7c	\$4.50	Sunflower.....	7	4.50
Hemp.....	7	4.50	Maw.....	20	15.00
Rape.....	7	4.50	Cuttle Bone.....	25	



The Lawn.

"We love the soft turf which is thrown like a smooth, natural carpet over the swelling outline of the smiling earth."—Downing.

OUR PAMPHLET ON LAWNS

TELLS

HOW TO KEEP A LAWN GREEN,
HOW TO BUILD NEW LAWNS,
HOW TO REPAIR OLD LAWNS.

WILL SEND IT FREE, IF REQUESTED, WITH
EVERY ORDER FOR LAWN GRASS.

N., K. & Co.'s Sterling Lawn Grass. We prepare three grades of Lawn Grass Seed, which are kept constantly in stock. The best of these mixtures is N., K. & Co.'s Sterling Lawn Grass, which has been used with the greatest success on thousands of lawns. This mixture is composed of a number of varieties best adapted to the purpose. Some of the grasses are early, others medium, and still others late. By this means as soon as one variety has ceased to be at its best, others are ready to take its place. Another important point is that, by the use of many grasses, a much heavier sward is obtained, than is possible with any two or three sorts, as no matter how much of one kind of seed may be sown on a given space, it will only support so many plants. If another variety, however, is sown in connection with it, a largely additional number of plants can be maintained, as they thrive on different elements in the soil. This mixture is unequalled for tennis and croquet grounds. Our Sterling, Qt., by mail, postpaid, 35c; qt., by express or freight, 25c; peck, \$1.15; bu., \$4.00, bags included. In 5 bu. lots, \$3.75 per bu.

N., K. & Co.'s Park Mixture. This is a fine mixture, the grasses used in its combination being equally as good as those in the Sterling Lawn Mixture, but not containing as many varieties or some of the higher-priced sorts used in the Sterling Mixture. It has given excellent satisfaction, and we commend it to those not wishing as expensive a mixture as the Sterling. Qt., by mail, postpaid, 25c; qt., by express, 15c; peck, 90c; bu., \$3.00.

N., K. & Co.'s Lawn Grass. Good Mixed. Where a fine lawn is wanted, we always recommend that the best seed be used. There are places, however, that are not conspicuous and where all that is desired is a good, healthy growth of grass, where a cheaper mixture will answer every purpose. No better lawn grass for the money can be obtained than our Good Mixed, Qt., by mail, postpaid, 20c; qt., by express, 10c; peck, 60c; bu., \$2.00.

Special Mixtures. We are at all times glad to make up special mixtures of lawn grass to meet the requirements of existing conditions. We have been very successful where combinations of grasses for terraces, shady places, exposed situations, etc., were wanted.

In order to secure quick and satisfactory results, a liberal quantity of Lawn Grass Seed should be used, as spots not seeded will surely be occupied by weeds. The usual rule is one quart for 300 square feet; four to six bushels for an acre.



View in Loring Park, Minneapolis.

OFFICE OF BOARD OF PARK COMMISSIONERS.

MINNEAPOLIS, MINN.

January 10th, 1897.

NORTHROP, KING & CO., Minneapolis, Minn.

GENTLEMEN: During the past twelve years, in which I have been Superintendent of Parks of Minneapolis, our park system has been built, and we have been obliged to seed large areas to grass each year. It affords me great pleasure to state that during all this time I have found your Lawn Seed of a UNIFORMLY HIGH QUALITY, both as respects STRONG GERMINATING POWER and FREEDOM FROM UNDESIRABLE SEEDS, besides producing a turf of FINE TEXTURE and GREAT DURABILITY.

Yours very truly,

W. M. BERRY, Supt.

The above statement from Mr. Wm. M. Berry, for the past twelve years Superintendent of Parks of Minneapolis, and for the fifteen years immediately preceding, Supt. of South Park, Chicago, is a notable one, coming as it does from one of the most widely known and experienced Park Superintendents in the United States, and covering, as it does, twelve years continuous use of our Lawn Grass Mixtures in large quantities.

QUANTITY REQUIRED.

In order to secure quick and satisfactory results, a liberal quantity of Lawn Grass Seed should be used, as spots not seeded will surely be occupied by weeds. The usual rule is one quart for 300 square feet; four to six bushels for an acre.



"HIGHCROFT,"

Country Residence of Mr. F. H. Peavey.

MINNEAPOLIS, MINN., Jan. 3d, 1898.

NORTHROP, KING & CO., Minneapolis,

Gentlemen: My Lawn at Highcroft consists of about eight acres, and was seeded with your Sterling Lawn Grass Mixture. It is a beautiful lawn, entirely satisfactory to me, and much admired by those who see it.

Yours very truly,

FRANK H. PEAVEY.

Strangers visiting Minneapolis almost invariably comment on the Beauty of its Lawns, both in the Public Parks and about the private homes. In a very large degree their fine appearance can be justly attributed to the uniform excellence of Our Lawn Grass Seed.



Minneapolis Climber.

No engraving or description can do justice to the *exquisite beauty* of this Climber. Its leaves are small and glossy, and the waxy flowers with which the vines are laden are white and small, exhaling a *delicious perfume*. This vine is equally desirable for outdoor and indoor growth. It spreads very rapidly and attracts general attention wherever seen. We do not know of a Climber that has been so greatly admired, or one calculated to give such general satisfaction. We first introduced this three years ago, and we have received hundreds of expressions of satisfaction from those who have grown it.

Single Plants, postpaid, 20c; 2 for 40c; 6 for \$1.00.

"A Perfect Nuisance."

One lady said:—"The MINNEAPOLIS CLIMBER is the most beautiful vine I ever saw, but so many strangers passing by would stop to ask its name and where it could be obtained that it became a 'perfect nuisance' answering the door bell! Nevertheless, after having once grown the beautiful vine with its fragrant flowers, we could not think of having any other in its place."

ALPHABETICAL INDEX.

Vegetable Seeds.

	PAGE
Anise.....	25
Artichoke.....	1
Artichoke Roots.....	25
Asparagus.....	1
Asparagus Roots.....	25
Balm.....	25
Basil, Sweet.....	25
Beans.....	2, 3
Beet.....	4
Borage.....	25
Borecole.....	10
Broccoli.....	1
Brussels Sprouts.....	1
Cabbage.....	5, 6
Caraway.....	25
Carrot.....	8
Catnip.....	25
Cauliflower.....	7
Celery.....	7
Celeriac.....	7
Chervil.....	7
Chicory.....	7
Citron.....	13
Collards.....	7
Coriander.....	25
Corn, Sweet or Sugar.....	9
Corn, Salad or Feticus.....	7
Cress or Pepper Grass.....	7
Cucumber.....	10
Dill.....	25
Egg Plant.....	10
Endive.....	10
Fennel.....	25

Vegetable Seeds--Cont.

	PAGE
Garlic.....	10
Gourd.....	10
Herbs.....	25
Horehound.....	25
Kale.....	10
Kohl Rabi.....	10
Lavender.....	25
Leek.....	10
Lettuce.....	11
Marjoram.....	25
Melon, Musk.....	12
Melon, Water.....	13
Onion.....	14, 15, 16
Onion Sets.....	17
Parsley.....	17
Parsnip.....	17
Peas.....	18, 19
Pennyroyal.....	25
Pepper.....	20
Potatoes.....	13, 44
Pumpkin.....	20
Radish.....	21
Rhubarb.....	22
Rhubarb Roots.....	25
Sage.....	25
Salsify or Veg. Oyster.....	22
Spinach.....	22
Squash.....	22
Summer Savory.....	25
Thyme.....	25
Tobacco.....	24
Tomato.....	23
Turnip.....	24
Water Cress.....	7

Flower Seeds & Bulbs.

Pages 45 to 54.

Special Offers.

Pages 16, 26, 30, 45, 52, 56

Miscellaneous.

	PAGE
Bird Seed.....	55
Books.....	1, 26
Ground Bone.....	55
Lawn Dressing.....	55
Mica Crystal Grit.....	55
Oyster Shells.....	55
Poultry Food.....	55

Farm and Field--Cont.

	PAGE
Cow Peas.....	39
Dhaura.....	39
Evergreens (Seeds).....	25
Flax.....	39
Fruit Seeds.....	25
Jerusalem Corn.....	39
Kaffir Corn.....	39
Kale-Thousand Headed.....	39
Lawn Grass.....	56
Lentils.....	39
Lupins.....	39
Lathyrus Sylvestris, (Flat Pea).....	39
Mangel Wurzel.....	29
Millet.....	39, 42
Milo Maize.....	39
Oats.....	31
Peas.....	38, 39
Pearl Millet.....	39
Peanuts.....	39
Potatoes.....	43, 44
Rape (Dwarf Essex).....	37
Ruta Baga, Swede.....	38
Sacaline.....	29
Sorghum or Sugar Cane.....	37, 39
Spurry.....	39
Sugar Beet.....	27
Sunflower.....	39
Teosinte.....	39
Tree Seeds.....	25
Vetches.....	38
Wheat.....	38
Wild Rice.....	39

Farm and Field Seeds,

Grasses, etc.

	PAGE
Australian Salt Bush.....	39
Barley.....	32
Beans.....	3, 39
Bromus Inermis.....	41
Broom Corn.....	39
Buckwheat.....	39
Carrot.....	30
Clover, Grasses, etc.	40, 41, 42, 56
Coffee Berry.....	24
Corn, Field.....	34, 35, 36, 39
Corn, Fodder.....	36
Corn, Pop.....	36

Garden Tools, Poultry Supplies, Fertilizers, etc.

Write for our *Special Price List* of Planet, Jr., and Matthews Drills, Cultivators, Poultry Food, Incubators, Fertilizers, etc. It is Mailed Free on Application.

THE PINGREE POTATO.



SHERMAN HOUSE,
CHICAGO, Dec. 14, 1897.

Messrs. Northrup, King & Co.,
Minneapolis, Minn.

Gentlemen:—We have tested the shipment of potatoes called "The Pingree" sent us by you cooking them in every form, and find them EXCELLENT IN EVERY WAY, AND SUPERIOR TO WHAT I HAVE BEEN ABLE TO PROCURE ELSEWHERE. I will quote us prices delivered at Sherman House on another lot.

Yours truly,

J. H. Sherman

MINNEAPOLIS, MINN., Dec. 15, 1897.

NORTHROP, KING & CO.,
Minneapolis, Minn.

Gentlemen:—We tested very carefully the PINGREE potatoes you sent us and we find them to be of unusually fine quality, boiled, baked, and in other forms in which they were prepared. Understanding from you that these potatoes are very heavy yielders, we think that farmers would do well to grow this variety.

Yours very truly,

HOTEL NICOLLET,

Shattuck & Wood
PROPRIETORS.

THE PINGREE POTATO.

We have named this potato the PINGREE with the approval and in honor of Hon. Hazen S. Pingree, Governor of the state of Michigan and the originator of that philanthropic movement, which gave him the name of "POTATO PINGREE," by which title he is known throughout the land.

Each year witnesses the introduction of many new potatoes, attended with such extraordinary claims, that if one-half said of them were true, they would quickly supersede all other known varieties.

For some reason, however, either because they do not possess the merits with which their "fairy god-mothers" endowed them, or possibly because they have fulfilled the mission for which they were given to the world, THEY SOON DROP OUT OF SIGHT, while the demand for *Early Ohio*, *Early Rose*, *Burbanks*, *Snowflakes*, etc., goes steadily on.

Plainly calling attention to this fact, we yet venture to offer the PINGREE potato. If FINE TABLE and LONG KEEPING qualities, combined with GREAT PRODUCTIVENESS, ever warranted the introduction of a potato, we are justified in sending out the PINGREE, believing that it will find favor with all who grow it, and that it will take care of itself in the battle for popular favor.

The PINGREE is a main crop potato; is productive to an extraordinary degree. The tubers are bunched closely in growing, which materially lessens the labor of harvesting. The potato itself, is of the size and shape best liked in the leading markets. The skin is of a bright, tight russet color. Eyes are few and nearly flush with the surface. In quality nothing can surpass it. In fact, in this particular we know of no sort that equals it. Its snowy whiteness when cooked, together with its dry and floury nature, has made it a favorite on every table where it has been tried.

PRICE.

The very reasonable price at which we offer this potato will enable all who are disposed to try it, to do so without paying the extravagant rates usually asked for new varieties. We are sure that all who try them will be greatly pleased with their investment.

Found, 25c; three pounds, 60c; postage paid.

By express or freight at purchaser's expense. Peck, 75c; bushel, \$2.25; barrel of three bushels, \$5.00.

PINGREE POTATO EYES by mail.

It has been conclusively proven that potatoes cut to single eyes give the largest yields and best results generally. They can be sent without danger of freezing, and by our improved method of preparing for shipment, will keep in good condition for months.

One hundred eyes of the PINGREE potato will be sent postpaid to any address on receipt of One Dollar, and are warranted to reach the purchaser in good condition for planting.

SEED GROWERS.

NORTHROP, KING & CO.,

MINNEAPOLIS, MINN.

H. S. PINGREE,
GOVERNOR OF MICHIGAN.

December 8, 1897.

Messrs. Northrup, King & Co.,
26 Hennepin Avenue,
Minneapolis, Minn.

Gentlemen:
Permit me to thank you heartily for the exceptionally fine consignment of potatoes sent me, and which you did me the honor to name Pingree Potatoes.

I trust that the farmers who plant them and introduce them to the markets may have an abundant harvest, and that the potatoes may have a flavor and quality equal to those you sent me. Very respectfully,

H. S. Pingree
GOVERNOR.